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HANDBOOK OF SCIENTIFIC AND TECHNICAL
SOCIETIES AND INSTITUTIONS
OF THE UNITED STATES AND CANADA

FOURTH EDITION

1942

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HANDBOOK OF SCIENTIFIC AND TECHNICAL
SOCIETIES AND INSTITUTIONS
OF THE UNITED STATES AND CANADA

FOURTH EDITION

UNITED STATES SECTION
COMPILED FOR THE
NATIONAL RESEARCH COUNCIL OF THE UNITED STATES
BY CALLIE HULL AND MILDRED PADDOCK

CANADIAN SECTION
COMPILED FOR THE
NATIONAL RESEARCH COUNCIL OF CANADA
BY S. J. COOK AND P. A. HOWARD

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PREFACE

The purpose of the "Handbook of Scientific and Technical Societies of the United States and Canada" is to present a directory to those societies, associations, and similar organizations in the natural sciences and related fields that contribute to the advancement of knowledge through their meetings, publications, and other resources.

In addition to organizations concerned with the natural sciences and technology, a number of more general organizations and special institutions supporting scientific research have been included, as well as the constituent or affiliated societies of the three other national research councils of the United States—the American Council of Learned Societies, the American Council on Education, and the Social Science Research Council. Certain of the trade associations which are active in research are also included. No attempt has been made to name other scholarly organizations outside the fields of the natural sciences and technology, but reference is made in the Appendix, page 345, to several lists of organizations which will direct the users of this compilation to sources of information concerning societies not given here. Agencies of the Federal Government, organizations directly controlled by universities, foundations which utilize their resources for research through grants rather than in the direct conduct of research, and industrial research laboratories are, in general, not included in this directory. The information in this directory has been furnished by the societies.

The present edition of the Handbook contains data for 1269 organizations for the United States and its dependencies (including Hawaii, Puerto Rico, the Panama Canal Zone, and the Philippine Islands), and 143 organizations for Canada. The first edition, issued in 1927, contained 709 organizations for the United States and 74 for Canada; the second edition, 1930, 793 and 91 respectively; and the third edition, 1937, 930 and 143.

Indexes to both the United States and the Canadian sections provide a subject classification of the activities, purposes, and research funds of the societies and institutions, the periodicals mentioned, and changes of name in societies and institutions as reported in each case under the heading "History." A personnel index has been added to this edition for the officers of the organizations included.

Only serial publications of the societies are listed, since bibliographical information concerning special publications would have occupied more space than could be given in the Handbook. When no information as to the number for the 1941 volume of certain active publications could be found, a dash after the number and date indicates that it is currently issued.

In such a compilation as this it is impossible to prevent some of the information, such as the names of secretaries and presidents of a number of societies in which elections have recently occurred, from being out of date by the time of publication or soon thereafter. The information here presented was—in most cases—provided during the period from July 1, 1941, to January 15, 1942. Information from organizations concerning the election of new officers will be welcomed by the Council.

The National Research Council is grateful to all those who have co-operated in the preparation of this book by furnishing information concerning the organizations listed; without this assistance the list could not have been prepared. It is a pleasure to acknowledge the cooperation of the National Research Council of Canada, which, through its Research Plans and Publications Section, took over the compilation of data for Canadian organizations.

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Librarian, National Research Council

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UNITED STATES

SCIENTIFIC AND TECHNICAL SOCIETIES
AND INSTITUTIONS

SCIENTIFIC AND TECHNICAL SOCIETIES AND INSTITUTIONS OF THE UNITED STATES

FOURTH EDITION

1. **Academy of Medicine of Cincinnati.** 690 Union Central Annex Building, Cincinnati, Ohio. *President:* John H. Skavlem. *Secretary:* Harry L. Fry, Carew Tower, Cincinnati, Ohio. Officers elected for one year; terms expire September 30, 1942. *Executive Secretary:* R. A. Swink.

History: Organized February, 1857; the Cincinnati Medical Society, which had been organized in 1851, merged with the Academy in 1860; incorporated March 6, 1869. *Sections:* Cincinnati Society of Anesthetists, Cincinnati Dermatological Society, Cincinnati Obstetrical Society, Cincinnati Oto-Laryngologic Society, Cincinnati Pediatric Society, Radiological Section of the Academy of Medicine, Cincinnati Neurological Society, Cincinnati Urological Society. *Reference:* Ohio State Medical Journal, 1937, page 791.

Object: The interchange of ideas in medicine and surgery, and the maintenance of a central information bureau for the public on medical questions.

Membership: Active members: those in practice three years or less, classed as Juniors, annual dues \$18; those in practice more than three years, classed as Seniors, annual dues \$25. Associates, those with allied interests, annual dues \$5. Non-resident, \$5. *Interne*, \$2. Retired. Honorary. Total membership 796.

Meetings: Annual, last Tuesday in September; meetings on second and fourth Tuesdays of the month, from October to May.

Publications: The Journal of Medicine of Cincinnati, published by private cooperation, carries all papers read before the Academy. Each member's dues includes a subscription to this Journal.

2. **Academy of Medicine of Cleveland and Cuyahoga County Medical Society.** 2009 Adelbert Road, Cleveland, Ohio. *President:* Roscoe Leas, Carnegie Medical Building, Cleveland, Ohio. *Secretary:* A. C. Ernstene, Cleveland Clinic, Cleveland, Ohio. Terms expire May, 1942.

History: Organized 1902; incorporated 1924. *Sections:* Clinical and Pathological, Experi-

mental Medicine, Industrial and Orthopedic, Obstetrical and Gynecological, Pediatric, Medical, Military Medicine.

Object: To promote the interests of the medical profession, to aid in the acquisition of medical knowledge, to foster the prosecution of medical research, to secure harmonious relations between all interests making for the advancement of medical science in the city, county, state, and nation, and to further all measures which promote the general welfare of the community.

Membership: Active members, annual dues \$27; Privileged, \$12; Junior, \$17; Associate, \$5; *Interne*, \$2; Honorary. Total membership 1,470.

Meetings: Annual, the third Friday in December; regularly on third Fridays in February, March, May, September, November, and December.

Publications: Bulletin, monthly, 1- , 1920- , free to members and on exchange. Cleveland Medical Journal, 1-17, 1902-1918.

3. **Academy of Medicine of Washington, D. C., Inc.** Cosmos Club, Washington, D. C. *President:* Warren F. Draper, U. S. Public Health Service, Washington, D. C. *Secretary:* Errett C. Albritton, 1335 H Street, N.W., Washington, D. C. Officers elected for five years; terms expire January 1, 1942.

History: Incorporated February 15, 1935, as the Washington Academy of Medicine, Inc.; amended November 7, 1935, to present name; first meeting April 28, 1936.

Object: To further the extension of medical research, the ideals and ethics of the medical profession, and the high standards of medical education; and to promote a better understanding and intercommunication of ideas between medicine and allied sciences.

Membership: Limited to 60, with 30 additional associate and non-resident members. Annual dues \$5. List of members available.

Meetings: Three meetings are held during the year in the fall, winter, and spring.

Academy of Model Aeronautics. See National Aeronautic Association.

4. **Academy of Natural Sciences of Philadelphia.** 10th and the Parkway, Philadelphia, Pa. *President:* Charles M. B. Cadwalader. *Corresponding Secretary:* James A. G. Rehn.

History: Founded March 21, 1812; incorporated March 24, 1817. The present building has been occupied by the Academy since 1876.

Object: The cultivation and study of the natural sciences.

Membership: Patrons, those contributing the sum of \$50,000; Benefactors, those contributing the sum of \$10,000; Sustaining, \$1,000; Associate-Sustaining, \$500; Life, \$200; Contributing, \$25 annually; Annual, \$10 annually; Non-resident, those outside a radius of fifty miles of Philadelphia, \$5 annually; Junior, those under twenty-one years of age, \$3 annually.

Meetings: Stated annual meeting, third Tuesday in February.

Library: 130,000 volumes, including the American Entomological Society library.

Research funds, medals, etc.: HAYDEN MEMORIAL GEOLOGICAL AWARD, provides for the award of a gold medal every three years for outstanding geological or paleontological research. LEIDY MEDAL, a bronze medal and honorarium given every three years for distinguished work in the natural sciences. Twenty-five popular educational lectures are given each year. The Institution is supported by income from endowment, membership fees, and gifts; no support is received from City or State.

Publications: Journal, 1-8, 1817-1842; Second series, 1-16, 1847-1918. Proceedings, 1- , 1841- . Special Publications, no. 1-3, 1922-1930. Monographs, no. 1- , 1935- . Notulae Naturae, no. 1- , 1939- . Frontiers, 1- , 1936- . Annual Report, 1920-1922. Year Book, 1923-1931. Review, 1931-1935. American Journal of Conchology, 1-7, 1865-1872. Manual of Conchology, First series, 1-17, 1879-1898; Second series, 1-28, 1885-1935.

5. **Academy of Political Science.** 409 Fayerweather Hall, Columbia University, New York, N. Y. *President:* Wesley C. Mitchell, 2 Horatio Street, New York, N. Y. *Director:* Ethel Warner, 420 West 116th Street, New York, N. Y. Term of President, elected for one year, expires December 31, 1941.

History: Organized 1880.

Object: The cultivation of the political sciences and their application to the solution of political, economic, and social problems.

Membership: Annual members, annual dues \$5; Life members. Total membership 6,872.

Meetings: Semiannual, in New York City.

Publications: Political Science Quarterly, 1-54, March 1886-1941; Proceedings, semi-annual, 1-18, 1914-1941. Price of publications \$5; included in membership privileges.

6. **Academy of Science and Art of Pittsburgh.** Carnegie Museum, Pittsburgh, Pa. *President:* O. E. Jennings, Carnegie Museum, Pittsburgh, Pa. *Secretary:* B. H. Chatto, 1300 Milton Avenue, Pittsburgh, Pa.

History: Organized March 10, 1890. *Sections:* Astronomical; Photographic.

Object: The advancement of science and art. *Membership:* Active members, annual dues \$5; Life members. Total membership 1,200.

Meetings: Thursday evenings, at Carnegie Music Hall.

Research funds, medals, etc.: Fifteen or more lectures are given each season.

7. **Academy of Science of St. Louis.** Washington University, St. Louis, Mo. *President:* A. H. Timmerman, Wagner Electric Corporation, St. Louis, Mo. *Secretary:* W. D. Shipton. Term of President, elected for two years, expires January, 1942; of Secretary, elected for two years, January, 1943.

History: Organized March 10, 1856. *Sections:* Entomology, Gemology, Geology, History of Science, Mathematics, and Science Teachers. *References:* Celebration of the 50th Anniversary of the First Meeting, Transactions of the Academy of Science of St. Louis, vol. 16, no. 1, July, 1906. The Academy of Science of St. Louis: a Biography, by William Trelease, Popular Science Monthly, December, 1903. The History of Science in St. Louis, by Mary J. Klem, Transactions of the Academy, vol. 23, no. 2, December, 1914. The Academy of Science of St. Louis, by Frederick Starr, Appleton's Popular Science Monthly, March, 1898.

Object: The promotion of science. As a means to this end the Academy has the power to hold meetings for the consideration and discussion of scientific subjects, to procure original papers upon scientific subjects, to publish its transactions, to establish and maintain a museum illustrative of the various branches of science, to establish and maintain a library of scientific works, to place itself in communication with other scientific institutions, and to engage in such other scientific activities as may be approved by the Council.

Membership: Annual members, 357, annual dues \$3; Sustaining, 14, \$10; Life, 23, payment of \$100; Donor, 1, payment of \$500; Patron, payment of \$1,000; Benefactor, payment of \$25,000; Endowment, payment of \$100,000; Honorary, 2. The requirement for membership is an interest in science. A Roster of Members is published in the Bulletin of the Academy, price 25 cents.

Meetings: Annual meeting, the second Wednesday in January; regular meetings on the second and fourth Wednesdays of each month from October to May inclusive; special meet-

ings at irregular intervals, usually two or three times a year.

Library: 50,000 volumes covering all branches of science.

Research funds, medals, etc.: Grant from the American Association for the Advancement of Science to affiliated academies, \$75 for 1941. Archaeological investigation in Jefferson and Ste. Genevieve Counties, Mo., is being carried on with the aid of the Works Progress Administration, \$50,000 for 1941, under the cosponsorship of the Missouri Resources Museum. An archaeological laboratory is located in the Adult Study Center of Washington University, Lake and Waterman Streets, St. Louis.

Publications: Transactions, irregular, 1-30, 1856-1941, price variable. Bulletin, irregular, 1-7, 1935-1941, price 25 cents a copy. Junior Academy Journal, irregular, 1-5, 1937-1941, price 5 cents a copy. Publications are free to members and on exchange.

8. Acoustical Society of America. *President:* E. C. Wente, Bell Telephone Laboratories, Inc., New York, N. Y. *Secretary:* Wallace Waterfall, 919 North Michigan Avenue, Chicago, Ill.

History: Organized May 10, 1929.

Object: To increase and diffuse the knowledge of acoustics, and to promote its practical application.

Membership: Fellows, annual dues \$7.50; Members, \$5; Sustaining; Honorary. Total membership 750.

Meetings: Two meetings a year.

Publications: Journal, quarterly, 1-13, October, 1929-1941, price \$6, free to members.

9. Actuarial Society of America. 393 Seventh Avenue, New York, N. Y. *President:* John M. Laird. *Secretary:* Walter Klem. Term of President, elected for two years, expires May, 1942; of Secretary, indefinite.

History: Organized 1889.

Object: The promotion of actuarial science.

Membership: Fellows, 434, annual dues \$10; Associates, 334, \$5. Candidates for Fellowship are required to pass three examinations, for Associateship, six.

Meetings: Two meetings a year, in May in New York City and in October in some other city.

Library: 1,200 volumes on actuarial science, for the use of members only.

Publications: Transactions, issued twice a year, 1-42, 1889-1941, price \$3, free to members. Year Book, distributed to members only.

10. Advisory Council on Medical Education. 630 West 168th Street, New York, N. Y. *President:* Willard C. Rappleye, 630 West 168th Street, New York, N. Y. *Secretary:*

Robin C. Buerki, School of Medicine, University of Pennsylvania, Philadelphia, Pa. Officers elected annually.

History: On October 25, 1938, the Association of American Medical Colleges authorized extending invitations for a conference of representatives of national organizations interested in various phases of medical education, and on June 24, 1939, the Advisory Council on Medical Education was organized with thirteen national organizations represented.

Object: To meet the need in the United States for a central agency to coordinate the efforts of various organizations which are concerned with medical education.

Membership: The membership is composed of 25 representatives from thirteen organizations.

Meetings: On call.

11. Aero Medical Association of the United States. *President:* Captain J. R. Poppen, USN, Navy Department, Bureau of Aeronautics, Washington, D. C. *Secretary:* D. S. Brachman, 5440 Cass Avenue, Detroit, Mich. Officers elected for one year; terms expire in the fall, 1942.

History: Organized 1928.

Object: To promote the science of aviation medicine.

Membership: Active and Associate members. Annual dues \$6 domestic, \$5.50 foreign. Members are required to be flight surgeons in the Army, Navy, or Civil Aeronautics Administration. Total membership 510.

Meetings: Annual, at place selected.

Research funds, medals, etc.: Cooperative research is carried on in the field of aviation medicine.

Publications: Journal of Aviation Medicine, quarterly, 1-12, 1930-1941, price \$6, free to members.

12. Agassiz Association. ArcAdia, Old Greenwich, Conn. *Vice President:* Hiram E. Deats, Flemington, N. J. *Assistant Treasurer:* Nellie P. Bigelow, Old Greenwich, Conn.

History: Established 1875; incorporated 1892 in Massachusetts, and in 1910 in Connecticut.

Object: The promotion of scientific education.

Membership: Sustaining members, annual dues \$5; Sustaining and Honorary members, \$25; Life, \$100; Patron, payment of \$1,000; Founder, \$5,000; Benefactor, \$25,000.

Library: Volumes on natural history and other scientific subjects.

Publications: Guide to Nature, quarterly, 1908-1935.

13. Agricultural History Society. Room 3901, U. S. Department of Agriculture, South

Building, Washington, D. C. *President:* Harry J. Carman, Columbia University, New York, N. Y. *Secretary:* Arthur G. Peterson. Term of President, elected for one year, expires June, 1942; of Secretary, indefinite.

History: Founded February 14, 1919; incorporated June 6, 1924.

Object: To stimulate interest in the history of agriculture, to promote its study, and to facilitate research and publication.

Membership: Members, annual dues \$3; Student, \$1.50; Contributing, \$10; Life, \$100. Total membership 425.

Meetings: Annual meeting, in Washington, D. C., held jointly with the American Historical Association and the American Farm Economics Association.

Publications: Agricultural History, quarterly, 1-15, 1927-1941, price \$3, free to members.

14. **Air Conditioning, Heating and Ventilating Engineers of Baltimore.** Engineers Club of Baltimore, 6 West Fayette Street, Baltimore, Md. *President:* John deB. Shepard, 505 Lexington Building, Baltimore, Md. *Secretary:* Roland H. Lamb, 301 North Holliday Street, Baltimore, Md. Officers elected for one year; terms expire May, 1942.

History: Organized 1934.

Object: To promote the arts of air conditioning, heating, and ventilating; to maintain a high professional standard among its members; and to advance these arts in Maryland by reading, discussions, and publications.

Membership: Open to any member of the American Society of Heating and Ventilating Engineers, or to any person engaged in engineering, contracting, or sales of air conditioning, heating, ventilating, or allied arts. Annual dues \$3. Total membership approximately 180. List of members available for 25 cents.

Meetings: The second Monday in each month, from October to May, at the Engineers Club of Baltimore.

15. **Air Hygiene Foundation of America, Inc.** 4400 Fifth Avenue, Pittsburgh, Pa. *Managing Director:* H. B. Meller.

History: Organized 1935; incorporated in Ohio in December, 1935. *Reference:* What is the Air Hygiene Foundation of America, National Glass Budget, July 18, 1936.

Object: The elimination or control of industrial diseases caused by air pollution with an emphasis on silicosis.

Membership: Companies and associations of employer firms or corporations, annual dues based upon total number of employees of the member, ranging from \$50 to \$1,000; employer associations, \$50. Each new and individual member pays upon election a membership fee of

\$25, except the employer associations which pay no entrance fee. Total membership 225. A mimeographed list of members is available.

Meetings: Annual, at Mellon Institute, Pittsburgh, Pa.

16. **Alabama Academy of Science.** *President:* Paul D. Bales, Howard College, Birmingham, Ala. *Secretary:* Winnie McGlamery, Geological Survey, University, Ala. Term of President, elected for one year, expires Spring, 1942; of Secretary, elected for three years, 1943.

History: Organized April, 1924, at Montgomery, Ala. *Sections:* Biology and Medical Sciences; Chemistry; Geology and Anthropology; Geography, Conservation and Allied Subjects; Physics and Mathematics; Industry and Economics; the Teaching of Science.

Object: To encourage scientific research, to promote the diffusion of useful scientific knowledge, and to unify the scientific interests of the State.

Membership: Members, entrance fee \$2, annual dues \$2; Associate, \$1, \$1; Sustaining, minimum of \$10 annually; Fellows; Honorary. Total membership 353. Membership list available.

Meetings: Annual, at a college in Alabama.

Library: 400 volumes.

Research funds, medals, etc.: A grant of \$50 for 1941 has been made by the American Association for the Advancement of Science.

Publications: Journal, annual, 1-13, 1924-1941, free to members.

17. **Alaska Territorial Medical Association.**

President: Noble Dick, Fairbanks, Alaska.

Secretary: William P. Blanton, Juneau, Alaska. Officers elected for two years; terms expire December, 1941.

Membership: Annual dues \$3. Total membership 41.

18. **Albany Society of Engineers.** *President:*

Arthur W. Harrington, Federal Building, Albany, N. Y. *Secretary:* Arthur H. Lamborn, 79 Fleetwood Avenue, Albany, N. Y. Officers elected for one year; terms expire December, 1941.

History: Organized 1905-06, as the Albany Society of Civil Engineers; name changed April 25, 1922, to present title.

Object: The advancement of engineering knowledge and practice, the maintenance of high professional standards, and the welfare of engineers.

Membership: Members are those who are actively engaged in the profession of civil engineering or kindred professions. Resident members, annual dues \$5; Non-resident \$3. Total

membership 223. List of members in Yearbook.

Meetings: Monthly, the fourth Tuesday evening, Aurania Club, Albany.

Publications: Papers, 1, no. 1-3, 1910-1913. Yearbook.

19. Alpha Chi Sigma Fraternity. 5503 East Washington Street, Indianapolis, Ind. *President:* W. S. Ritchie, Goessmann Laboratory, Amherst, Mass. *Secretary:* John R. Kuebler. Officers elected for two years; terms expire June, 1942.

History: Founded 1902, at the University of Wisconsin, through a realization of the advantages accruing by closer association of students in the chemistry department. At first it was a professional collegiate organization strictly, but in 1922 the organization was divided into collegiate and professional branches. The governing body is the national convention; the executive body is the Board of Directors. There are 50 chapters in universities or colleges; 17 professional chapters; and 8 professional groups. Incorporated under the laws of Wisconsin.

Object: To exemplify true and lasting friendship, to advance chemistry as a science and profession, and to aid the members by every honorable means in the attainment of their ambitions as chemists throughout life.

Membership: Collegiate and Professional members, entrance fee \$15, annual dues \$9. Total membership 15,000.

Meetings: Biennial, at place designated by the Board of Directors.

Research funds, medals, etc.: The national fraternity uses the income from a national fund to finance grants-in-aid. There are local awards, usually for scholarship, among various chapters. Two national traveling efficiency cups are awarded biennially to outstanding collegiate chapters that best represent the organization's ideals as well as its value to the chemistry department and institution. A traveling scholarship cup is awarded biennially to the highest rated collegiate chapter. The Reserve Trust Funds approximate \$80,000. The professional branch of the organization finances annually the American Chemical Society Award in Pure Chemistry, \$1,000, to be given a chemist not over 35 years of age, who contributes to the literature the most outstanding research in pure chemistry.

Publications: Hexagon, October to May inclusive, 1-31, 1910-1941, price \$1 a year to Professional members. Chrome and Blue, issued every two months to national officers, 1-15, 1926-1941. Proceedings, annual, free to members.

20. Aluminum Research Institute. 308 West Washington Street, Chicago, Ill. *President:* Walter M. Weil, National Smelting Com-

pany, Cleveland, Ohio. *Secretary:* R. D. T. Hollowell. Terms of officers expire April, 1942.

History: Organized 1929, as a trade association of manufacturers.

Object: To further technical research on aluminum.

Membership: Open only to smelters and refiners of secondary aluminum ingot who maintain a laboratory for quality control and are in a position to manufacture aluminum alloys of known analysis. Associate and Sustaining members, dues on graduated scale.

Meetings: Irregular.

Research funds, medals, etc.: Research is supported by the Institute and is under the direction of the Chemists' Committee, which is composed of the chief chemist of each sustaining member.

21. American Academy in Rome. 101 Park Avenue, New York, N. Y. *President:* James Kellum Smith. *Secretary:* William B. Dinsmoor, 9 East 77th Street, New York, N. Y. Terms of President and Secretary, elected for one year, expire January, 1943. *Executive Secretary:* Roscoe Guernsey.

History: Organized 1894 as the American School of Architecture in Rome; name changed in 1897 to present title. *Sections:* School of Fine Arts; School of Classical Studies.

Object: The advancement of art and letters in America.

Membership: A list of members is published in the Annual Report.

Meetings: The Trustees meet the second Tuesday in February, April, and December; Annual meeting, the second Tuesday in December.

Library: 50,000 volumes on art, classics, and archaeology.

Research funds, medals, etc.: Fellowships in fine arts and classical studies are awarded annually, each with an allowance of \$1,400 to \$1,500 a year. Cash prizes of \$1,000 each are to be awarded in 1941 and 1942.

Publications: Annual Report, 1911-, free on request. Papers and Monographs, 1-1919-, price of vols. 1-5, \$2.50, of vols. 6-9, \$4. *Memoirs of the American Academy in Rome*, n. s. 1-, 1917-, price \$5. Supplementary Papers, 1-2, 1905-1908, continued as *Memoirs*. List of special publications available on request.

22. American Academy of Arts and Letters. 633 West 155th Street, New York, N. Y. *President:* Walter Damrosch, 168 East 71st Street, New York, N. Y. *Secretary:* William Lyon Phelps, 110 Whitney Avenue, New Haven, Conn. Officers elected for one year; terms expire January, 1942.

History: Founded 1904; incorporated by Act of Congress April 17, 1916.

Object: To further the interests of literature and the fine arts.

Membership: Membership in the National Institute of Arts and Letters is a requirement. Regular, Corresponding, and Honorary members. Membership limited to 50. List of members available.

Meetings: Annual, in May, in New York City; monthly, October through May.

Library: 9,000 volumes by and about members of the Academy and the National Institute of Arts and Letters.

Research funds, medals, etc.: GOLD MEDAL OF THE ACADEMY, conferred in recognition of special distinction in literature, art, or music, and for the entire work of the recipient, who may be of either sex, and must be a native or naturalized citizen of the United States, and not a member of the Academy. HOWELLS MEDAL OF THE ACADEMY, as stated by the donor, is "to commemorate the name of our great American novelist," and is to be given every fifth year in recognition of the most distinguished work of American fiction published during that period. MEDAL FOR GOOD DICTION ON THE STAGE, to be awarded at any time to any man or woman for good diction on the American stage. MEDAL FOR GOOD DICTION OVER THE RADIO, established in 1928. AWARD OF MERIT MEDAL and cash prize of \$500, to be given by the Academy to a highly outstanding person in America representing one of the following arts: painting, sculpture, novel, poetry, and drama. This award to be made in one of these fields each year in the order named, but shall never be made to any member of the Academy, or of its parent body, the National Institute of Arts and Letters. The first award will be made in 1941 for painting.

23. American Academy of Arts and Sciences.

28 Newbury Street, Boston, Mass. *President:* Harlow Shapley, 60 Garden Street, Cambridge, Mass. *Corresponding Secretary:* Abbott Payson Usher.

History: The American Academy of Arts and Sciences is the oldest learned society in Massachusetts and, with the exception of the American Philosophical Society of Philadelphia, the oldest in the country, the Commonwealth having granted it a charter May 4, 1780. The present building was the gift of the heirs of Alexander Agassiz, a former president, and has been occupied by the Academy since 1912. *Reference:* Memoirs, vol. 11 (Centennial volume), pt. I.

Object: To cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people.

Membership: There are four classes of membership, covering physical and mathematical sciences, natural and physiological sciences, the social arts, and the humanities; each class is sub-divided into four sections. Members are elected definitely to the class and section in which they are severally proficient. Election is based on nomination by members and not on application by the nominee. It implies recognition of scholarship or of professional eminence. There are two groups of members: Fellows, limited to 800, of whom not more than 600 shall be residents of Massachusetts, and the remainder citizens or residents of any part of the United States; Foreign honorary members, limited to 130. The admission fee of \$10 and annual dues not to exceed \$15 are paid by Fellows resident within fifty miles of Boston; Non-resident Fellows elected after 1938 pay annual dues of \$5. List of members is in the "Records" number of each volume of the Proceedings.

Meetings: Monthly, the second Wednesday, October through May, at the Academy; occasional special meetings, often in connection with the visits of foreign scholars of eminence.

Library: 46,500 volumes, chiefly scientific. No additions have been made in recent years except to the very important collection of scientific periodicals and serial publications of academies and learned societies which is kept up to date.

Research funds, medals, etc.: RUMFORD FUND, capital in 1941, \$91,033; income \$3,440. Established in 1796, by Benjamin Thompson, Count Rumford, and now administered by the Rumford committee of the Academy. The income is intended primarily for the awarding of the Rumford premium, consisting of a gold and a silver medal, together of the intrinsic value of \$300 and, at the discretion of the Academy, a sum not exceeding \$300 in addition, to the authors of any important discovery or useful improvement in light or heat which shall have been made in any part of America. It is also used to help defray the expenses of the Academy's publications on these subjects and to make grants-in-aid of research along these lines. CYRUS M. WARREN FUND, capital in 1941, \$17,405; income \$923. Established in 1891, by the will of Cyrus M. Warren and now administered by the Cyrus M. Warren committee of the Academy. From the income grants are made for the encouragement and advancement of research in the science or field of chemistry. PUBLICATION FUND, capital in 1941, \$42,887; income \$2,372. Established for the publication of the results of research contributed by members of the Academy and other proceedings, and administered by the Committee of Publication. PERMANENT SCIENCE FUND. By an agreement and declaration of trust made

September 5, 1928, the Boston Safe Deposit and Trust Company has constituted itself a trustee to receive gifts or bequests which shall be held as a Permanent Science Fund. The financial administration of the fund is by the Company; the income will be paid over to the Academy, which has undertaken to disburse the money in the aid of scientific research through its Council, acting on the recommendation of a Committee on the Permanent Science Fund. FRANCIS AMORY FUND, capital in 1941, \$52,407; income \$3,121. Established by the will of Francis Amory, who died November 10, 1912, the income of the fund is to be used for a Septennial Prize for outstanding work with reference to the alleviation or cure of diseases affecting the human genito-urinary system, the first award being made in 1941.

Publications: Memoirs, irregular, 1-4, 1785-1818/21; n. s. 1-18, 1833-1935, price \$10 per volume, free to members who pay annual dues, half price to other members, and on exchange with similar academies and scientific societies. Proceedings, about 8 to 12 numbers a year, 1-74, 1848-1941, price \$5, distribution to members and on exchange as for Memoirs.

24. American Academy of Dermatology and Syphilology. *President:* George M. MacKee, 555 Fifth Avenue, New York, N. Y. *Secretary:* Earl D. Osborne, 471 Delaware Avenue, Buffalo, N. Y. Term of President, elected for one year, expires January, 1943; of Secretary, elected for five years, January, 1943.

History: Organized 1936.

Object: Education in dermatology and syphilology.

Membership: Fellows, Associates, Affiliates, and Honorary members. Entrance fee \$10, annual dues \$10. Total membership 750.

Meetings: Annual, at place selected.

25. American Academy of Ophthalmology and Otolaryngology. 1500 Medical Arts Building, Omaha, Nebr. *President:* Ralph I. Lloyd, 14 Eighth Avenue, Brooklyn, N. Y. *Executive Secretary:* Wm. P. Wherry. Officers elected for one year; terms expire January 1, 1943.

History: Organized 1896 as the Western Ophthalmological, Otolaryngological and Rhinological Association; name changed to present title in 1903. *Sections:* Ophthalmology, Otolaryngology, and Instruction.

Object: To promote and advance the science and art of medicine appertaining to the eye, ear, nose, and throat; and to encourage the study of the relationship of these specialties to surgery, general medicine, and hygiene.

Membership: Junior, Senior, Honorary, and Life members. Annual dues \$10. Fellows who have paid dues continuously for twenty-five years will be termed Senior members and their dues will be one half the usual amount; Fellows who have paid dues for thirty years continuously will automatically become Life Members, with dues remitted. All other Fellows, except Honorary Members, are classified as Junior members. Candidates shall have practiced in the branches of medicine, including eye, ear, nose, or throat exclusively for one year and shall have the certificate of either the American Board for Ophthalmic Examinations or of the American Board of Examiners for Otolaryngology. An entrance fee of \$20 must accompany application. Total membership 2,918. List of members contained in the March-April issue of the Transactions each year.

Meetings: Annual, at various places.

Research funds, medals, etc.: Research grants were made during 1941 to the Army Medical Museum, \$1,500, for the Registry of Pathology, and to the Orthoptic Council, \$200.

Publications: Transactions, bimonthly, price \$6, included in dues of members.

26. American Academy of Orthopaedic Surgeons. *President:* Carl Badgley, Ann Arbor, Mich. *Secretary:* Rex L. Diveley, Kansas City, Mo. Officers elected for one year; terms expire January, 1943.

Membership: Total membership approximately 650.

Meetings: Annual.

Publications: The Journal of Bone and Joint Surgery is the official organ of the Academy.

27. American Academy of Pediatrics. 636 Church Street, Evanston, Ill. *President:* E. C. Mitchell, 1073 Madison Avenue, Memphis, Tenn. *Secretary:* Clifford G. Grulee. Term of President expires November, 1942.

History: Organized 1930. *Regions:* East, South, Midwest, and West.

Object: To foster and stimulate interest in pediatrics and in all aspects of work for the welfare of children.

Membership: Fellows are required to have had five years in pediatrics and to be licentiates of the American Board of Pediatrics; entrance fee \$25, annual dues \$20. Total membership 1,440. List of members available.

Meetings: Annual; regions also hold annual meetings.

Publications: Journal of Pediatrics, monthly, 1-18, 1932-1941, price \$8.50, included in annual dues of members.

28. American Academy of Periodontology. Birmingham, Mich. *President:* Robert L.

Dement, 923 Doctors Building, Atlanta, Ga. *Secretary:* Raymond E. Johnson, 824 Lowry Medical Arts Building, St. Paul, Minn. Officers elected for one year; terms expire October, 1942.

History: Organized February 21, 1914, as the American Academy of Oral Prophylaxis and Periodontology; name changed in 1918 to present title.

Object: The promotion and advancement of the science of periodontia through the presentation of educational papers and clinics, and through scientific research.

Membership: Active members, entrance fee \$35, annual dues \$15; Associate, \$15, \$10; Non-resident, \$5, \$5; Honorary. Members must be in good standing in the American Dental Association, with periodontia as a major part of their practice. Total membership 178.

Meetings: Annual, held usually during the three days preceding the meeting of the American Dental Association and in the same city.

Publications: Journal of Periodontology, semiannual, 1930-1941, price \$2, free to members.

29. American Academy of Physical Medicine.

41 Bay State Road, Boston, Mass. *President:* William Seaman Bainbridge, 34 Gramercy Park, New York, N. Y. *Secretary:* Herman A. Osgood, 144 Commonwealth Avenue, Boston, Mass. Officers elected for one year; terms expire April, 1942.

History: Organized September 20, 1922, as the Academy of Physical Medicine; name changed November 26, 1940, to present title.

Object: The promotion of physical medicine on a scientific basis among the medical profession and medical students.

Membership: Active members are specialists in physical medicine, or in other departments of medicine who are using physical medicine as an adjunct; Fellows-in-Science are those who are working in the pure sciences, such as professors of physics, physiology, etc. Entrance fee \$10, annual dues \$10. Total membership 95, limited to 100.

Meetings: Annual.

Publications: Papers which are delivered at the Annual Meeting are published in the Medical Record and sent to members. New developments during the year are sent to members through the Research Committee.

30. American Academy of Political and Social Science.

3457 Walnut Street, Philadelphia, Pa. *President:* Ernest Minor Patterson, 404 South 47th Street, Philadelphia, Pa. *Secretary:* J. P. Lichtenberger, 71st Street and Greenhill Road, Overbrook, Philadelphia, Pa. Officers elected for one year; terms expire January, 1943.

History: Organized December 14, 1889.

Object: To provide a forum for the discussion of the political, social, and industrial problems confronting the United States and other countries.

Membership: Regular members, annual dues \$5; Student, \$3; Life, \$100. Total membership approximately 8,500.

Meetings: Annual, in Philadelphia; occasional meetings as the need arises.

Publications: Annals, bimonthly, 1-215, July, 1890-May, 1941, price \$5 a year to members, \$2 a volume to non-members. From July, 1890 to June, 1895, 6 issues of the Annals constituted a volume; from July, 1895 to November, 1911, 3 issues; from January, 1912 to date, 1 issue. Monograph Series. Pamphlet Series.

31. American Academy of Tropical Medicine,

Inc. *President:* H. C. Clark, Gorgas Memorial Laboratory, Panama, Republic of Panama. *Secretary:* E. C. Faust, 1430 Tulane Avenue, New Orleans, La. Officers elected for one year; terms expire November, 1942.

History: Organized and incorporated February, 1934.

Object: To further the knowledge of diseases of warm climates, to coordinate American work in tropical medicine, to serve as a clearing house for information in this field, and to receive and administer funds for carrying out these aims.

Membership: Members, persons who have conducted meritorious investigations in tropical medicine, 63, annual dues determined by assessment of Council; Honorary, 7. Membership is not open to application; members must be nominated, endorsed, and elected. Membership list available.

Meetings: Annual, at various places.

Research funds, medals, etc.: THEOBALD SMITH MEDAL, awarded biennially, for work in tropical medicine.

32. American Academy of Tuberculosis Physicians.

1216 Republic Building, Denver, Colo. *President:* Oscar S. Levin, Denver, Colo. *Secretary:* John Zarit. Term of President, elected for one year, expires June, 1942; of Secretary, elected for five years, 1946.

History: Organized June, 1936, at Kansas City, Mo.

Object: To alleviate the sufferings of the tuberculous and eradicate tuberculosis through scientific pursuits; to elevate the standards of physicians specializing in tuberculosis and allied diseases, and to designate those qualified according to the best scientific and practical information available.

Membership: Active and Honorary members. Entrance fee \$10, annual dues \$10. Re-

quired to qualify as specialists, following investigation by members of the Board of Censors and Board of Qualifications. Total membership, over 250.

Meetings: Annual, at time and place of meeting of the American Medical Association.

Research funds, medals, etc.: A prize is awarded annually for outstanding work.

Publications: Bulletin, quarterly, 1-5, 1936-1941, free to members.

33. **American Alpine Club.** 140 East 46th Street, New York, N. Y. *President:* J. Monroe Thorington, 2031 Chestnut Street, Philadelphia, Pa. *Secretary:* Henry S. Hall, Jr., 154 Coolidge Hill, Cambridge, Mass. Officers elected for three years; terms expire at the end of 1943.

History: The first meeting was held in Washington, D. C., January 2, 1903; the Club was incorporated in Pennsylvania, December 30, 1915.

Object: The scientific exploration and study of the higher mountain elevations and of the regions lying within or about the Arctic and Antarctic circles, the cultivation of mountain craft, and the promotion and dissemination of knowledge regarding the regions indicated.

Membership: Active members, 265, entrance fee \$5, annual dues \$10; Life composition, \$200; Honorary members, 11. Membership is limited to persons who have made ascents of mountain elevations in two or more years, which are considered acceptable to the board of directors; and to those who have conducted explorations in the Arctic and Antarctic regions, or whose contributions to the literature or science of mountaineering, to recent glaciology, or to alpine art have, in the opinion of the Board of Directors, been of permanent importance in advancing a knowledge of these subjects. List of members published.

Meetings: Annual, in December or January, in Boston, New York, Philadelphia, or Washington; occasional meetings are held throughout the year.

Library: 3,500 volumes on mountaineering, polar work, and exploration.

Publications: American Alpine Journal, annual, 1-13, 1929-1941, price \$1, free to members.

34. **American Amaryllis Society.** Orlando, Fla. *President:* E. G. Duckworth, Orlando, Fla. *Secretary:* Wyndham Hayward, Winter Park, Fla. Officers elected for one year; terms expire April, 1942.

History: Organized 1933.

Object: The advancement of the Amaryllidaceae.

Membership: Annual dues \$2. Total membership 350.

Meetings: Annual, at Orlando, Fla.

Research funds, medals, etc.: WILLIAM HERBERT MEDAL.

Publications: Herbertia, price \$3.50.

35. **American Anthropological Association.** *President:* A. V. Kidder, 10 Frisbie Place, Cambridge, Mass. *Secretary:* Fred Eggan, 1126 East 59th Street, Chicago, Ill. Officers elected for one year; terms expire December, 1942.

History: Incorporated March 26, 1902, at Washington, D. C. *Branches:* the Central States Branch, and the Pacific Coast Branch.

Object: To promote the advancement of the science of anthropology.

Membership: Members, 1,084, annual dues \$6; Life, 10. Membership list available to non-members for 25 cents. Total membership 1,094.

Meetings: Annual, at various places.

Publications: American Anthropologist, quarterly, 1-43, 1899-1941, available to members only.

36. **American Antiquarian Society.** *President:* Samuel E. Morison, Cambridge, Mass. *Secretary:* Clarence S. Brigham, Worcester, Mass. Officers elected for life.

History: Founded 1812, by Isaiah Thomas.

Object: To further research in American history and to maintain a library of Americana.

Membership: Honorary membership only. Resident, 200; foreign, 27.

Meetings: Semiannual, alternating between Boston and Worcester.

Library: 700,000 titles on both the Americas.

Publications: Proceedings, semiannual, 1-50, 1880-1941, price \$3, free to members.

37. **American Association for Applied Psychology.** *President:* W. V. Bingham, Personnel Procedures Section, Adjutant General's Office, Washington, D. C. *Executive Secretary:* C. M. Louttit, Indiana University, Bloomington, Ind. Term of President, elected for one year, expires September, 1942; of Secretary, elected for three years, 1943.

History: Formally organized in Minneapolis in 1937 as a result of the planning of the National Committee for Applied and Professional Psychology which had been organized at the 1936 meeting of the American Psychological Association by joint action of the Association of Consulting Psychologists and the Clinical Section of the American Psychological Association; incorporated in Indiana in 1938. *Sections:* Clinical, Consulting, Educational, Business and Industrial.

Object: The promotion and development of the service which psychology as a science can render society in its application in business,

education, industry, law, medicine, mental hygiene, social welfare, and related fields.

Membership: Fellows and Associates. Entrance fee \$5, annual dues \$6. Fellows shall be actively engaged in the application of psychology as their primary vocation or directing programs concerned either with direct application or research relating thereto, and shall have a Ph.D. degree or equivalent and at least four years' experience. Associates shall have a Ph.D. degree and one year's experience. Total membership 625. Membership list available for \$1.

Meetings: Annual, with the American Psychological Association.

Publications: *Journal of Consulting Psychology*, bimonthly, 1-5, 1937-1941, price \$3, included in dues of members.

38. American Association for Cancer Research, Inc. *President:* Carl Voegtlin, National Cancer Institute, Bethesda, Md. *Secretary:* A. N. Thibaudau, 113 High Street, Buffalo, N. Y. Officers elected for one year; terms expire March 1942.

History: Organized May 7, 1907.

Object: To further the investigation of cancer, and to spread the knowledge concerning it.

Membership: Donors, Patrons, and Sustaining, Contributing, Active, Life, and Honorary members. Annual dues for active members \$2. Total membership 428. List of members available.

Meetings: Annual.

Publications: *Cancer Research*, monthly, 1- , 1941- .

39. American Association for Health, Physical Education and Recreation. 1201 Sixteenth Street, Washington, D. C. *President:* Anne S. Duggan, Texas State College for Women, Denton, Tex. *President-elect:* Jay B. Nash, New York University, New York, N. Y. *Secretary:* N. P. Neilson. Term of President, elected for one year, expires April, 1942; of Secretary, elected for five years, 1943.

History: Organized 1885 as the American Association for the Advancement of Physical Education; name changed in 1900 to the American Physical Education Association; in 1937 to the American Association for Health and Physical Education; and in 1938 to present title. The Association is a department of the National Education Association. **Districts:** Eastern, Southern, Mid-West, Central, North-west, and Southwest. There are twenty-three sections, based on special interest groups. **Reference:** The American Physical Education Association, by E. D. Mitchell, *Journal of Health and Physical Education*, 3:1, 1932.

Object: To promote a wide and intelligent interest in physical education, to acquire and disseminate accurate information, and to provide such means of promotion as will secure an adequate program.

Membership: Active members, annual dues \$2.50 domestic, \$3 foreign; Professional, \$5; Life, \$80; Student, \$1.50; Student professional, \$3. Total membership 9,301.

Meetings: Annual, at various places.

Library: 900 volumes on health, physical education, and recreation.

Publications: *American Physical Education Review*, 1-34, 1896-1929; name changed to *Journal of Health and Physical Education*, monthly except July and August, 1-12, 1930-1941, free to members. *Research Quarterly*, issued in March, May, October, and December, 1-12, 1930-1941, free to professional, student professional, and life members.

40. American Association for Medico-Physical Research. *President:* Wm. F. Briney, 1900 South Kedzie Avenue, Chicago, Ill. *Secretary:* I. J. Eales, 5681 West Lake Street, Chicago, Ill. Terms expire September, 1942.

Object: The development and promotion of electrical and other physical and natural methods of therapy, research in advanced medicine, the encouragement of the recognition and of the clinical application of the scientific findings of advanced medical research, and the utilization of discoveries in this field.

Membership: Fellows, Associates, and Honorary members. Entrance fee \$10, annual dues \$8.

Meetings: Annual, in Chicago.

Publications: *Journal*, bimonthly 1- , 1923- , price included in annual dues of members.

41. American Association for the Advancement of Oral Diagnosis. 515 Madison Avenue, New York, N. Y. *President:* George J. Fink, 416 Marlborough Street, Boston, Mass. *Secretary:* H. Justin Ross. Officers elected for one year; terms expire December, 1942.

History: Organized 1932; reorganized 1939.

Object: To correlate oral diagnosis in dentistry and medicine to the end that both professions receive the benefits of their mutual contributions, and to advance oral diagnosis in all its phases by encouraging the biological, scientific, and professional aspects of dentistry.

Membership: Active members, entrance fee \$5, annual dues \$5; Associate members, \$5, \$2; Honorary and Life members. Total membership 300.

Meetings: Annual meeting; component groups hold four to six meetings annually.

Research funds, medals, etc.: An annual award is given to the individual making an outstanding contribution to oral diagnosis.

42. **American Association for the Advancement of Science.** Smithsonian Institution, Washington, D. C. *President:* Arthur H. Compton, University of Chicago, Chicago, Ill. *Permanent Secretary:* Forest R. Moulton. Term of President, elected for one year, expires December, 1942.

History: Founded 1848 in pursuance of a resolution adopted at Boston, September, 1847, by the Association of American Geologists and Naturalists to resolve itself into the American Association for the Advancement of Science; incorporated March, 1874. The Association consists of the following sixteen sections representing branches of science: A, Mathematics; B, Physics; C, Chemistry; D, Astronomy; E, Geology and Geography; F, Zoological Sciences; G, Botanical Sciences; H, Anthropology; I, Psychology; K, Social and Economic Sciences; L, Historical and Philological Sciences; M, Engineering; N, Medical Sciences; O, Agriculture; P, Industrial Science; Q, Education. There are two local divisions: the Pacific Division, including members resident in Alaska, British Columbia, Washington, Oregon, California, Idaho, Nevada, Utah, and the Hawaiian Islands; and the Southwestern Division, including members resident in Arizona, New Mexico, Colorado, Sonora, Chihuahua, and Texas west of the 100th meridian.

On June 20, 1941, there were one hundred and eighty-one scientific organizations which were officially associated or affiliated with the Association. Affiliated organizations have representatives in the council of the Association and take part in the direction of its affairs. Of the related societies, one hundred and thirty were affiliated and fifty-one were associated with the Association.

Object: To promote intercourse among those who are cultivating science in different parts of America, to cooperate with other scientific societies and institutions, to give a stronger and more general impulse and a more systematic direction to scientific research, and to procure for the labors of scientific men increased facilities and a wider usefulness.

Membership: Sustaining members, who on payment of \$1,000 at one time are exempt from further dues; Life members, who on payment of \$100 in a single year are exempt from further dues; Annual members, annual dues \$5, are separated into Members and Fellows, the latter being those who have advanced science by research or who are professionally engaged in scientific work. Total membership, about 22,000. List of members in Proceedings.

Meetings: Annual, in the Christmas holiday season (convocation week); another meeting is held in the summer. Each division holds one or more meetings in the summer.

Library: The Smithsonian Institution library is the official depository for publications received by the Association.

Research funds, medals, etc.: GENERAL ENDOWMENT FUND, capital in 1941, about \$250,000, income approximately \$7,000. From this fund, appropriations are made to aid scientific research, especially by grants allotted by the Committee on Grants for Research, these grants being usually less than \$500 each. The AMERICAN ASSOCIATION PRIZE of \$1,000, from a special fund for this purpose has been awarded annually since January, 1924. The prize is given to a person presenting a noteworthy contribution to science at the annual meeting of the Association. The paper must be presented at the meeting, though the author need not be a member of the Association.

Publications: Science, weekly, 1-23, 1880-1894, n. s., 1-94, 1895-1941; has been the official organ of the Association since 1901; free to members, price to subscribers \$6. Summarized Proceedings, including a directory of the members of the Association, quadrennial, 1848-1940. Memoirs, 1, 1875. Scientific Monthly, 1-52, 1915-1941, price \$3 to members or free if taken in place of Science, to subscribers \$5. Symposia, 1-15, 1936-1941. Association Science Series, 1-3, 1940-1941.

43. **American Association for the Study of Allergy.** *President:* Milton B. Cohen, 10616 Euclid Avenue, Cleveland, Ohio. *Secretary:* J. Harvey Black, 1405 Medical Arts Building, Dallas, Tex. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, 1944.

History: Organized as the Western Society for the Study of Hayfever and Asthma and Allergic Diseases, June 25, 1923; name changed to the American Association for the Study of Allergy in 1924; to the Association for the Study of Allergy in 1929; and to the present title in 1940.

Object: The study of immunology and clinical allergy.

Membership: Active members, limited to 125, shall be physicians certified by the American Board of Internal Medicine and shall have an interest in allergy, annual dues \$5; Associate members, unlimited, annual dues \$5.

Meetings: Annual, with the American Medical Association.

44. **American Association for the Study of Goiter.** *President:* J. de J. Pemberton, Rochester, Minn. *Corresponding Secretary:* T. C. Davison, 478 Peachtree Street, Atlanta, Ga. Term of President, elected for one year, expires 1942; of Secretary, elected for five years, 1946.

History: Founded 1927.

Object: To stimulate interest in the study of goiter.

Membership: Active, Senior, and Honorary members. Entrance fee \$15, annual dues \$15. Membership limited to 150.

Meetings: Annual, at various places.

Research funds, medals, etc.: VAN METER PRIZE AWARD, \$300, for the best essay of original work on goiter, given each year at the annual meeting.

Publications: Transactions, annual, 1927-1941, free to members.

45. **American Association for the Study of Neoplastic Diseases.** *President:* Julian L. Rawls, Norfolk, Va. *Secretary:* Eugene R. Whitmore, 2139 Wyoming Avenue, N. W., Washington, D. C. Officers elected for one year; terms expire September, 1942.

History: Organized September, 1933, in Washington, D. C.

Object: The advancement of the knowledge of neoplastic diseases.

Membership: Active members, those who are legally qualified practitioners of medicine; Associate members, scientists engaged in collateral lines of research. Annual dues \$5. Total membership, about 250.

Meetings: Four meetings a year; Annual meeting in September, in Washington, D. C.

Publications: Proceedings of meetings are mimeographed and sent to members.

46. **American Association for the Surgery of Trauma.** *President:* Henry C. Marble, 270 Commonwealth Avenue, Boston, Mass. *Secretary:* Gordon M. Morrison, 520 Commonwealth Avenue, Boston, Mass. Officers elected for one year; terms expire June, 1942.

History: Organized 1938.

Object: The cultivation and improvement of the science and art of the surgery of trauma and allied sciences, and the elevation of the medical profession.

Membership: Active, Senior, and Honorary fellows. Entrance fee \$25, annual dues \$10. Active fellows are required to have good standing in the state or provincial association; experience of not less than ten years of professional work; practice limited to surgery, or allied specialty; contributed to medical literature; certification by the American Board of Surgery or the American Board of the specialty with which the candidate is identified, or fellowship in one of the Royal Colleges. Total membership 200. Membership list in the Programme of the Annual Meeting.

Meetings: Annual.

Publications: American Journal of Surgery. Transactions are being prepared for publication.

47. **American Association for the Tuberculous, Inc.** 31-33 East 27th Street, New York, N. Y. *President:* Samuel Bushwick, 570 Seventh Avenue, New York, N. Y. *Secretary:* Harold Nitzberg, 33 West 71st Street, New York, N. Y. Officers elected for six months; terms expire December, 1941.

History: Incorporated March 5, 1938, in New York State.

Object: Research on tuberculosis in all of its phases.

Membership: Associate members, annual dues 25 cents; Active, \$1.20; Auxiliary, \$1.

Meetings: Two meetings a month, in New York City.

Library: A library on tuberculosis is maintained.

Publications: Probe, quarterly.

48. **American Association for Thoracic Surgery.** *President:* Edward D. Churchill, Massachusetts General Hospital, Boston, Mass. *Secretary:* Richard H. Meade, Jr., 2116 Pine Street, Philadelphia, Pa. Officers elected for one year; terms expire June, 1942.

History: Organized 1917 in New York City, at a meeting of the New York Society for Thoracic Surgery.

Object: To encourage and stimulate investigation and study that will increase the knowledge of intrathoracic physiology, pathology, and therapy; and to correlate and disseminate such knowledge.

Membership: Active members, limited to 125, are required to be resident in the United States or Canada and graduates in medicine of not less than ten years' standing, who have made a meritorious contribution to knowledge pertaining to the thoracic field; annual dues \$12.50 and subscription to the Journal. Associate members, 100, graduates of not less than five years' standing; \$5 and subscription to the Journal. Senior members, those who have been Active members for not less than ten years, or who as Active members have passed the age of sixty or become incapacitated by illness, \$3. Honorary, 25, citizens of any country, not necessarily having a degree in medicine, but who have made exceptional contributions to knowledge pertaining to the thoracic field.

Meetings: Annual, at place determined by the Council.

Research funds, medals, etc.: Support to the Registry of Chest Tumors, Army Medical Museum, Washington, D. C. ROSE LAMPERT GRAFF PRIZE, \$250 to be awarded in 1942 for the best paper on some subject related to thoracic physiology, pathology, or therapy.

Publications: Journal of Thoracic Surgery, bimonthly, 1-10, 1931-1941, price \$7.50.

49. **American Association of Anatomists.** *President:* Philip E. Smith, College of Physicians and Surgeons, Columbia University, New York, N. Y. *Secretary:* Eliot R. Clark, University of Pennsylvania, School of Medicine, Philadelphia, Pa. Term of President, elected for two years, expires April, 1942; of Secretary, elected for four years, April, 1942.

History: Organized as the Association of American Anatomists, at Washington, D. C., on September 17, 1888, in affiliation with the Congress of American Physicians and Surgeons; withdrew from the Congress in December, 1906. A new constitution was adopted December 29, 1909, and the name changed to the present title.

Object: The advancement of anatomical science.

Membership: Membership is composed of persons engaged in the investigation of anatomical or cognate sciences. Active members, 720, dues fixed annually by the Association, usually \$2; Honorary members. Membership list may be obtained from the Wistar Institute, Philadelphia, Pa., for 25 cents.

Meetings: Annual, each year at a different medical school.

Research funds, medals, etc.: The Association holds no research funds, but the Anatomical Journal Trust, holding funds of about \$12,000, devoted to the assistance of publication of original research in anatomy, is held privately by three trustees elected from among the present or former officers of the Association. The present chairman of the Trust is Dr. George W. Corner, Carnegie Institution of Washington, Wolfe and Madison Streets, Baltimore, Md.

Publications: By arrangement with the Wistar Institute of Anatomy the business transactions, scientific abstracts, and membership list of the Association are published in the Anatomical Record, and are distributed to the members of the Association.

50. **American Association of Botanical Gardens and Arboreta.** *Chairman:* Donald Wyman, Arnold Arboretum, Jamaica Plain, Mass. *Secretary:* C. E. Godshalk, Morton Arboretum, Lisle, Ill.

Object: To promote the interests of botanical gardens and arboreta, and to promote public and municipal interest in living plants.

Membership: Membership consists of those who are actively interested in the purposes of the Association, provided that they are members of the American Institute of Park Executives or the American Park Society, and have been approved by the membership committee of the Association itself. Total membership 70.

Meetings: Annual, at time and place decided by the American Institute of Park Executives; special meetings as occasion demands.

Publications: The official organ of the Association is Parks and Recreation, the official publication of the American Institute of Park Executives.

51. **American Association of Cereal Chemists.**

President: C. N. Frey, Fleischmann Laboratories, 810 Grand Concourse, New York, N. Y. *Secretary:* Harry Obermeyer, Campbell Taggart Research Laboratories, 4049 Pennsylvania Avenue, Kansas City, Mo. Officers elected for one year; terms expire May, 1942.

History: Founded May 8, 1915, at Kansas City, Mo. *Sections:* Northwest (Minnesota), Pioneer (Kansas), Kansas City (vicinity), Nebraska, Central State (Missouri, Illinois, Indiana), Niagara Frontier (vicinity of Buffalo), Pacific Northwest (Pacific Coast states), Midwest (vicinity of Chicago), New York (vicinity), Lone Star (Texas, Oklahoma), Toronto (Ontario), and Cincinnati (Ohio).

Object: The encouragement and advancement of scientific and technical research in cereals and their products, particularly in milling and baking, but including also other industries in which cereals and their products are utilized; the study of analytical methods used in cereal chemistry and the development and adoption of uniform or standard methods of examination and analysis; the promotion of the spirit of scientific cooperation among workers in the field of cereal knowledge; the maintenance of high professional standards in the Association as conditions of membership; and the encouragement of a more general recognition of the chemist and biologist as essential factors in the development of the cereal industries.

Membership: Active and Associate members, with the requirement of a B.S. degree and at least one year of actual work in a cereal laboratory, entrance fee \$10, annual dues \$7. Total membership 635.

Meetings: Annual, at place selected.

Research funds, medals, etc.: THOMAS BURR OSBORNE MEDAL, awarded at irregular intervals when unusually meritorious contributions to the field of cereal chemistry justify it; established 1926.

Publications: Journal of the American Association of Cereal Chemists, quarterly, 1915-1923; name changed to Cereal Chemistry, bimonthly, 1924-1941, price \$6, free to members.

52. **American Association of Colleges of Pharmacy.**

President: R. A. Kuever, College of Pharmacy, Iowa City, Iowa. *Secretary:* Zada M. Cooper, State University of Iowa,

College of Pharmacy, Iowa City, Iowa. Officers elected for one year; terms expire August, 1942.

History: Organized May 8, 1900, as the American Conference of Pharmaceutical Faculties; name changed August 24, 1925, to present title.

Object: To promote pharmaceutical education and research.

Membership: Colleges of pharmacy, entrance fee \$25, annual dues \$50. Total membership, 59 colleges. Membership list included in each issue of the American Journal of Pharmaceutical Education.

Meetings: Annual, with the American Pharmaceutical Association.

Publications: American Journal of Pharmaceutical Education, quarterly, 1-4, 1937-1941, price \$2, one copy free to each college member.

53. American Association of Collegiate Schools of Business. *President:* C. C. Fichtner, Division of Regional Economy, Department of Commerce, Washington, D. C. *Secretary:* Herluf V. Olsen, Amos Tuck School, Hanover, N. H. Officers elected for an indefinite period.

History: Organized June 17, 1916.

Object: The promotion and improvement of higher business education in North America.

Membership: Annual dues \$25. Total membership, 55 schools.

Meetings: Annual, at place selected.

Publications: Proceedings, annual. Faculty Personnel, published every 5 years.

54. American Association of Dental Schools. *President:* Arthur L. Walsh, McGill University, Montreal, Canada. *Secretary:* Carl O. Flagstad, University of Minnesota, Minneapolis, Minn. Officers elected for one year; terms expire March, 1942.

History: Organized 1923 by an amalgamation of the American Institute of Dental Teachers, the National Association of Dental Faculties, the Faculties' Association of American Universities, and the Canadian Faculties' Association.

Object: To promote dental education and to coordinate the work of dental schools.

Membership: Annual dues \$50. Total membership, 47 schools. List of members available.

Meetings: Annual.

Publications: Journal of Dental Education, quarterly, 1936-1941. Proceedings, price \$1.

55. American Association of Economic Entomologists. College Park, Md. *President:* H. B. Weiss, 616 First Mechanics National Bank Building, Trenton, N. J. *Secretary:*

Ernest N. Cory. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1944.

History: Organized August 29, 1889, at Toronto, Canada, as the Association of Official Economic Entomologists; name changed November, 1890, to the Association of Economic Entomologists; changed to present name January 1, 1909. *Sections:* Pacific Slope Branch, Cotton States Entomologists, Eastern Branch, and North Central States Branch. There are also sections on Apiculture, Plant Quarantine and Inspection, Extension, and Teaching. *Affiliations:* Florida Entomological Society and the Newell Entomological Society.

Object: To promote the study and to advance the science of entomology.

Membership: Active members, entrance fee \$5, annual dues, \$2; Honorary members. Total membership 1,492. List of members available for 50 cents.

Meetings: Annual, at various places.

Research funds, medals, etc.: The Eastern Branch awards a medal.

Publications: Proceedings, 1889-1894 published in Insect Life, 2-7, 1888-1895; 1895-1906 in U. S. Department of Agriculture, Bureau of Entomology Bulletin, n. s. nos. 2, 6, 9, 17, 20, 26, 31, 37, 40, 46, 52, and 60; in Journal of Economic Entomology, 1907 to date. Journal of Economic Entomology, bimonthly, 1-34, 1908-1941, price \$4 domestic, \$4.50 foreign, and \$3 to members. Index to the Literature of American Economic Entomology, 5 volumes covering 1905-1934, vol. 6 to appear in 1941.

56. American Association of Engineers. 8 South Michigan Avenue, Chicago, Ill. *President:* Arthur Richards, Municipal Building, Larchmont, N. Y. *Secretary:* M. E. McIver. Officers elected for one year; terms expire October, 1942.

History: Chartered June 14, 1915, in Illinois. Chapters in a number of cities in the United States. *Reference:* History of the American Association of Engineers, issued by the Association. AAE from A to Z: History, Professional Engineer, August and October, 1939.

Object: To promote the social and economic welfare of engineers, to stimulate public service in the profession, and to encourage and develop the efficiency of the engineer.

Membership: Seniors, annual dues \$15; Members, \$10; Affiliates, \$15; Juniors, \$5; Students, \$2. Membership is open to professional engineers, architects, chemists, and engineering students. Total membership 5,300. Membership list available.

Meetings: Annual, at place selected by directors; weekly and monthly chapter meetings.

Library: A small library of approximately 600 volumes on engineering is maintained.

Research funds, medals, etc.: CLAUSEN GOLD MEDAL, awarded to the person who has done the most good for the engineering profession during a specific period of time.

Publications: Professional Engineer, quarterly, 1-27, 1916-1941, price \$1, free to members. From 1916-1919 the publication was issued as Monad. Yearbook.

57. American Association of Genito-Urinary Surgeons. Cleveland Clinic, Euclid at 93rd Street, Cleveland, Ohio. **President:** Homer G. Hamer, 1711 North Capitol Avenue, Indianapolis, Ind. **Secretary:** Charles C. Higgins. Officers elected for one year; terms expire June, 1942.

History: Organized October 16, 1886, at the residence of Dr. E. L. Keyes in New York City. **Reference:** A Brief History of the Organization and Transactions of the American Association of Genito-Urinary Surgeons.

Object: The scientific advancement of genito-urinary surgery.

Membership: Active members, annual dues \$30; Fellows, \$15; Corresponding; Honorary. Membership is open to men who have shown special proficiency in and contributed to the advancement of the specialty. Active members limited to 75. Total membership 103. Membership list available.

Meetings: Annual, at various places.

Research funds, medals, etc.: KEYES MEMORIAL MEDAL, awarded for outstanding contributions to the field of urology.

Publications: Transactions, annual, 1907-1941.

58. American Association of Immunologists. **President:** Paul R. Cannon, University of Chicago, Chicago, Ill. **Secretary:** Arthur F. Coca, Pearl River, N. Y.

History: Organized 1914.

Object: To study the problems of immunology and the application of immunology to clinical medicine.

Membership: Members must have published researches in immunology. Annual dues \$8. Total membership 244.

Meetings: Annual, with the Federation of American Societies for Experimental Biology.

Publications: Journal of Immunology, monthly, 1- , 1916- , price for 3 volumes \$13.50, to members \$10. No exchange.

59. American Association of Industrial Physicians and Surgeons. **President:** T. Lyle Hazlett, Westinghouse Electric and Manufacturing Company, Pittsburgh, Pa. **President-elect:** John J. Wittmer, Consolidated Edison Company of New York, New York, N. Y.

Executive Secretary: Armour G. Park, 540 North Michigan Avenue, Chicago, Ill.

History: Organized in Detroit in 1915.

Object: To unite into one organization the members of the medical profession specializing in industrial medicine and surgery for their mutual advancement in the practice of their profession.

Membership: Fellows, Members, and Associate members; annual dues \$5, including subscription to Industrial Medicine.

Meetings: Annual.

Publications: Industrial Medicine, monthly, 1- , 1932- , free to members.

60. American Association of Jesuit Scientists (Eastern States Division). **President:** Edward C. Phillips, S. J., Georgetown University, Washington, D. C. **Secretary:** Albert F. McGuinn, S. J., Boston College, Chestnut Hill, Mass. Officers elected for one year; terms expire September, 1942.

History: Founded in 1922 by members of the Jesuit Order engaged in teaching the sciences. **Sections:** Biology, Chemistry, Mathematics, Physics, Science, and Philosophy.

Object: To promote the study and teaching of science in Jesuit high schools, colleges, and universities.

Membership: Open to Jesuits teaching the sciences or otherwise engaged in scientific work, in the northeastern states. Annual dues \$3. Total membership, about 180. Membership list published in the first number of each volume of the Bulletin.

Meetings: Annual, at time and place determined by the executive council.

Publications: Bulletin, quarterly, 1-18, 1923-1941, free to members.

61. American Association of Junior Colleges. 730 Jackson Place, Washington, D. C. **President:** James C. Miller, Christian College, Columbia, Mo. **Secretary:** Walter C. Eells. Term of President, elected for one year, expires March 1, 1942; of Secretary, indefinite.

History: Organized 1920 at St. Louis, Mo. Reorganized with provision for national headquarters and full-time secretary and staff in 1938. **Sections:** Six affiliated organizations represent New England, the Middle States, North Central, Southern, Northwest, California.

Object: To stimulate the professional development of its members, to promote the growth of junior colleges under appropriate conditions, to emphasize their significant place in American education, and to interpret the junior college movement to the country.

Membership: Active members, accredited junior colleges, 377, annual dues \$20; Associate, newly organized junior colleges which have

not yet received accreditation, 37, \$10; Sustaining, any organization or individual interested in the junior college movement, 35, \$5; Honorary, 2. Directory of members available for 35 cents.

Meetings: Annual.

Library: 600 volumes on junior college and higher education.

Research funds, medals, etc.: Grants amounting to approximately \$80,000 are made for studies of terminal education.

Publications: Junior College Journal, monthly, September to June, 1-12, 1930-1941, price \$3, free to members. Junior College Directory, 1941, price 35 cents.

62. American Association of Medical Milk Commissions, Inc. 1265 Broadway, New York, N. Y. *Secretary:* Paul B. Cassidy. *Assistant Secretary:* Seth W. Shoemaker.

History: Organized 1907.

Object: To work for the certification of milk.

Membership: 77 Medical Milk Commissions, annual dues \$15.

Meetings: Annual, with the American Medical Association.

Publications: Certified Milk, monthly, 1- , 1927- , price \$1.50, free to members and on exchange. Yearbook. Annual Report.

63. American Association of Medical Social Workers. 844 Rush Street, Chicago, Ill. *President:* Grace B. Ferguson, 221 University Hall, Iowa City, Iowa. *Secretary:* Sadie Shapiro, Neurological Institute, New York, N. Y. Officers elected for two years; terms expire April, 1942. *Executive Secretary:* Mary M. Maxwell.

History: Organized as the American Association of Hospital Social Workers; name changed to present title in 1934. Incorporated in Massachusetts 1926. Thirteen districts.

Object: To serve as an organ of intercommunication among medical social workers; to maintain and improve standards of social work in hospitals, dispensaries, special clinics, or other distinctly medical or psychiatric institutions; and to stimulate intensive and extensive development in this field of social work.

Membership: Members, annual dues \$5; Junior, \$3; Associate, \$3-\$5; Corporate, \$25; Contributing, \$10-\$20; Sustaining, \$25 and over. Total membership 2,000. Membership list available for 50 cents.

Meetings: Annual, at the time and place of meeting of the National Conference of Social Work.

Publications: Bulletin, 8 issues a year, 1-14, 1919-1941, price \$1, included in dues of members.

64. American Association of Museums. Smithsonian Institution, Washington, D. C. *President:* Clark Wissler, American Museum of Natural History, New York, N. Y. *Secretary:* Luke Vincent Lockwood, 165 Broadway, New York, N. Y. *Director:* Laurence Vail Coleman. Terms of President and Secretary, elected for one year, expire May, 1942.

History: Organized May, 1906, in New York; operated on a small income with volunteer officers until May, 1923, when headquarters were established at the present location. Offices were transferred temporarily to New York during 1924-1925, but are now re-established at the Smithsonian Institution. There are no chapters, but members in several parts of the country hold regional conferences; there are eleven technical sections. *Reference:* Museum Work, vol. 8, no. 4, 1925.

Object: To promote the welfare of museums, to increase and diffuse knowledge of matters relating to them, and to encourage helpful relations among those interested in museums.

Membership: Persons interested in the objects of the Association are eligible, but most of the members are museum trustees or workers. Individual members, 850, annual dues \$5; Institution members, 280, annual dues \$10 to \$250 on a sliding scale based upon museum operating budget. List of members available.

Meetings: Annual, in May, at a different city each year.

Library: A special library of museum publications and material relating to museums and museum methods is maintained at headquarters. There are approximately 250 bound volumes.

Research funds, medals, etc.: Several of the grants made to the Association have been expended in special surveys and investigations, and for grants-in-aid of foreign travel and study. A distinguished service diploma is awarded from time to time.

Publications: Proceedings, 1-11, 1907-1917, price \$15 a set. Museum Work, bimonthly, 1918/19-1925/26, price \$15 a set unbound. Museum News, semimonthly, 1- , 1923- , price \$4 a volume. Publications of the American Association of Museums, a series of numbered monographs, the first of which appeared in 1926, prices on request. Annual Report.

65. American Association of Neuropathologists. *President:* N. W. Winkelman, 1911 Spruce Street, Philadelphia, Pa. *Secretary:* A. Ferraro, 150 East 93rd Street, New York, N. Y. Term of President, elected for one year, expires June, 1942; of Secretary, permanent.

History: Organized 1924 as the Club of Neuropathologists; name changed to present title in 1932.

Object: The advancement of the science of neuropathology.

Membership: Active, Associate, and Honorary members. The requirement for membership is specialization in neuropathology and meritorious contributions to neuropathology. No annual dues. Total membership 51.

Meetings: Annual, in conjunction with the American Neurological Association.

66. American Association of Nurse Anesthetists. 18 East Division Street, Chicago, Ill. **President:** Helen Lamb, Barnes Hospital, St. Louis, Mo. **Executive Secretary:** Mary Elizabeth Appel. Term of President, elected for one year, expires September, 1942.

History: Organized June 17, 1931, in Cleveland, Ohio, as the National Association of Nurse Anesthetists; incorporated March, 1932. Name changed to present title, September, 1939. Headquarters of the Association were moved to Chicago in October, 1937. There are twenty-eight state associations.

Object: To advance the science and art of anesthesiology and to develop educational standards and technique in the administration of anesthetics.

Membership: Active, Associate, and Honorary members. Entrance fee \$2, annual dues \$6. Total membership 2,300. Membership list published annually in the August issue of the Bulletin.

Meetings: Annual, concurrently with the American Hospital Association.

Publications: Bulletin, quarterly, 1-9, 1933-1941, subscription included in annual dues of members.

67. American Association of Obstetricians, Gynecologists, and Abdominal Surgeons. **President:** Grandison D. Royston, 3720 Washington Boulevard, St. Louis, Mo. **Secretary:** James R. Bloss, 418 Eleventh Street, Huntington, W. Va. Officers elected for one year; terms expire September, 1942.

History: Organized 1888.

Object: The promotion of knowledge in obstetrics, gynecology, and abdominal surgery.

Membership: Fellows, limited to 150, graduates of medicine of at least ten years' standing (exclusive of one year's internship), who have attended, by invitation, one session of the Association, have read an original paper before an annual session, and if claiming to be specialists are Diplomates of the American Board of Obstetrics and Gynecology; entrance fee \$100, annual dues \$30. Emeritus fellows. Honorary fellows.

Meetings: Annual, in September; mid-year clinic, in March.

Research funds, medals, etc.: The Association has no research funds, though the funds

of the American Association of Obstetricians, Gynecologists, and Abdominal Surgeons Foundation, Inc. (permanent headquarters in Detroit, Mich.) may be used for research as determined by the Committee on Research with the recommendation of the Executive Council.

Publications: Transactions, annual, 1888-1941, price to libraries \$4, to individuals \$5, free to members.

68. American Association of Oral and Plastic Surgeons. **President:** Jerome P. Webster, 180 Fort Washington Avenue, New York, N. Y. **Secretary:** Frederick A. Figi, 102 Second Avenue, S. W., Rochester, Minn. Officers elected for one year; terms expire June, 1942.

History: Organized July 28, 1921, in Chicago, as the American Association of Oral Surgeons; name changed in 1934 to present title.

Object: The promotion of the science and practice of oral and plastic surgery.

Membership: Active and Honorary members. Entrance fee \$25, annual dues \$10. Membership, limited to 60, by invitation only.

Meetings: Annual, and occasionally semi-annual.

69. American Association of Orthodontists. **President:** Claude R. Wood, Medical Arts Building, Knoxville, Tenn. **Secretary:** Max E. Ernst, Lowry Medical Arts Building, St. Paul, Minn. Officers elected for one year; terms expire March, 1942.

History: Organized 1901 as the American Society of Orthodontists; name changed 1937 to present title.

Object: To advance the science and art of orthodontics; to encourage and sponsor research, to strive for higher standards of excellence in orthodontic instruction, to contribute its part in dental health service, and to promote fraternal relationship among its members.

Membership: Active members, three years exclusive practice of orthodontics; Honorary; Service; Affiliated; Retired. Entrance fee \$15; annual dues \$10. Total membership 653. List of members available.

Meetings: Annual.

Publications: American Journal of Orthodontics, monthly, 1915-1941, price included in dues.

70. American Association of Pathologists and Bacteriologists. **President:** S. R. Haythorn, Pittsburgh, Pa. **Secretary:** H. T. Karsner, 2085 Adelbert Road, Cleveland, Ohio. Officers elected for one year; terms expire April, 1942.

History: Organized 1900 by a group of pathologists and bacteriologists selected from

many parts of the country; first meeting in Boston, April 5, 1901.

Object: The advancement of the knowledge of disease.

Membership: Active members, annual dues \$10. Total membership 659. Membership list published every two years.

Meetings: Annual, at place selected.

Publications: Journal of Medical Research, irregular, 1-44, 1896-1924, was partly supported by the Association; it was continued as American Journal of Pathology, bimonthly, 1- , 1925- , price \$8, free to members.

71. **American Association of Petroleum Geologists.** P. O. Box 979, Tulsa, Okla. *President:* Ed. W. Owen, 532 Milam Building, San Antonio, Tex. *Secretary:* Edmond O. Markham, P. O. Box 801, Tulsa, Okla. Officers elected for one year; terms expire April, 1942.

History: Organized February, 1917, as the Southwestern Association of Petroleum Geologists; name changed February, 1918, to present title. *Sections:* Pacific; Los Angeles; South Texas; San Antonio; Maracaibo, Maracaibo, Venezuela; and the Division of Paleontology and Mineralogy.

Object: To promote the science of geology, especially as it relates to petroleum and natural gas, and to foster research.

Membership: Active members, 2,828, annual dues \$10; Associate, 695, \$6 to \$8; Life, 4; Honorary, 16. Membership list available.

Meetings: Annual, at place selected.

Research funds, medals, etc.: The Association maintains a permanent research fund which is available to workers on problems pertaining to petroleum geology. Both members and non-members are eligible for support from the fund. Projects must be recommended by the Research Committee. Expenditures are subject to appropriation by the Executive Committee of the Association, upon approval by the Trustees of the Research Fund.

Publications: Bulletin, monthly, 1-25, 1917-1941, price \$15, free to members.

72. **American Association of Physical Anthropologists.** *President:* W. K. Gregory, American Museum of Natural History, New York, N. Y. *Secretary:* W. W. Howells, University of Wisconsin, Madison, Wis. Term of President, elected for two years, expires 1943; of Secretary, elected for five years, 1944.

History: Organized 1928. *Reference:* Science, 69: 304, 1929.

Object: To promote researches in physical anthropology in the United States of America and in America in general.

Membership: Active and Associate members, annual dues \$2; Life active, \$25; Life associate, \$100; Benefactor, \$500. Total membership, around 150. List of members available.

Meetings: Annual, usually in the spring, at place determined each year.

Publications: The official organ of the Association is the American Journal of Physical Anthropology.

73. **American Association of Physics Teachers.** American Institute of Physics, 175 Fifth Avenue, New York, N. Y. *President:* A. A. Knowlton, Reed College, Portland, Oreg. *Secretary:* T. D. Cope, University of Pennsylvania, Philadelphia, Pa. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1942.

History: Organized December, 1930. *Sections:* Kentucky, Western Pennsylvania, Oregon, District of Columbia, Colorado-Wyoming, and Indiana. *Reference:* American Journal of Physics, Supplement, June, 1940.

Object: The advancement and the diffusion of the knowledge of physics, with special reference to the teaching of the subject.

Membership: Regular, Junior, and Honorary members. Annual dues \$5. Total membership 900. List of members available.

Research funds, medals, etc.: RICHTMYER MEMORIAL LECTURE. OERSTED MEDAL, awarded for notable contributions to the teaching of physics.

Publications: American Physics Teacher, 1-7, 1933-1939; name changed to American Journal of Physics, bimonthly, 8-9, 1940-1941, price \$5 domestic, \$5.50 foreign, free to members.

74. **American Association of Psychiatric Social Workers.** 1790 Broadway, New York, N. Y. *President:* Almira Dawley, Philadelphia Child Guidance Clinic, 1711 Fitzwater Street, Philadelphia, Pa. *Secretary:* Elizabeth Healy Ross, Pennsylvania School of Social Work, 311 South Juniper Street, Philadelphia, Pa. Officers elected for two years; terms expire June, 1943.

History: Organized May, 1926, as a professional association. Before this time the group was a section of the American Association of Hospital Social Workers, now the American Association of Medical Social Workers. *Reference:* The American Association of Psychiatric Social Workers, by Lois Meredith French, published by the Commonwealth Fund in 1940.

Object: The maintenance and promotion of standards of professional education and methods in psychiatric social work.

Membership: Graduation from a professional school of social work, with specialized training in psychiatric social work, is the requirement for membership. Active members, annual dues \$5; Junior, \$3. Total membership 551. Membership list available for \$1.

Meetings: Annual, in connection with the National Conference of Social Work.

Publications: News Letter, quarterly, 1932-1941, price \$1, free to members.

75. American Association of Railway Surgeons.

Room 1000, 547 West Jackson Boulevard, Chicago, Ill. **President:** J. L. Crook, Jackson, Tenn. **Secretary:** R. B. Kepner. Officers elected for one year; terms expire September, 1942.

History: Founded June 28, 1888, as the National Association of Railway Surgeons; incorporated April 13, 1897, in Illinois. Membership enlarged in 1898 to include surgeons in Canada and Mexico, and the name of the Association changed to the International Association of Railway Surgeons, which in turn was changed to the present title.

Object: The promotion of the best methods of developing and improving railway surgery.

Membership: Members, annual dues \$3; Honorary members. Total membership 1,350.

Meetings: Annual, in Chicago.

Publications: Transactions, 1891-1893. Railway Surgeon, 1-10, 1894-1903; name changed to Railway Surgical Journal, 11-27, 1904-1920; name changed to Surgical Journal, 28- , 1921- , price \$2, included in dues. The official journal of the Association is now Industrial Medicine, 1- , 1932- .

76. American Association of School Administrators.

1201 Sixteenth Street, N. W., Washington, D. C. **President:** W. H. Pillsbury, Superintendent of Schools, Schenectady, N. Y. **Secretary:** S. D. Shankland. Term of President, elected for one year, expires March, 1942; the Secretary is appointed by the Executive Committee for an indefinite period.

History: At a meeting of the National Teachers' Association in Harrisburg, Pa., August, 1865, the state and city superintendents present decided to form an organization, to be composed exclusively of those engaged in supervisory work in the schools. The new organization was called the National Association of School Superintendents, and met first in Washington, D. C., in February, 1866. The name was changed in 1870 to the Department of School Superintendence of the National Educational Association. In 1937 a new constitution was adopted and the name was changed to the present title.

Object: To maintain and elevate the professional and ethical standards of the teaching profession in general and its administrative and supervisory service in particular; to assist its members to understand the development of American culture in its relationship to education, to develop an understanding of the fields, services, and responsibilities of education; to achieve a unified professional strength for the improvement of education; and to place before the public the facts and viewpoints which will lead to an intelligent appreciation of the work of the schools.

Membership: Active members, annual dues \$5; Associate members, \$5; Life members, payment of \$100; Honorary members. Total membership 4,470. List of members available.

Meetings: Annual.

Research funds, medals, etc.: The Society maintains the Educational Research Service in cooperation with the Research Division of the National Education Association.

Publications: Yearbooks are issued on special topics; the 1942 Yearbook will be entitled "Health in Schools," price \$2, free to members. Official Report of Annual Meeting, published in the spring of each year, price \$1, free to members.

77. American Association of Scientific Workers.

President: A. J. Carlson, University of Chicago, Chicago, Ill. **Secretary:** Harry Grundfest, 66th Street and York Avenue, New York, N. Y. Officers elected for one year; terms expire July, 1942.

History: Organized 1938.

Object: To promote the fuller understanding of the social relations and functions of science, to apply scientific methods to the solution of social problems, and to recommend such solutions.

Membership: Requirements for membership are an A.B. degree or its equivalent; annual dues \$1 for those with income below \$1,500, \$2.50 for others. Total membership, over 800.

Meetings: Monthly meetings of the various branches.

Publications: News Letter, 8 issues a year, free.

78. American Association of State Highway Officials.

1220 National Press Building, Washington, D. C. **President:** G. Donald Kennedy, State Highway Commission, Lansing, Mich. **Secretary:** W. C. Markham. Term of President, elected for one year, expires September, 1942; of Secretary, indefinite.

Object: To promote cooperative work between the State Highway Departments and the U. S. Bureau of Public Roads in road building.

Membership: Annual dues of members are according to a schedule.

Meetings: Annual.

Publications: American Highways, quarterly, 1- , 1922- , price \$1 domestic; \$1.50 foreign.

79. **American Association of Teachers Colleges.** State Normal School, Oneonta, N. Y. *President:* George A. Selke, State Teachers College, St. Cloud, Minn. *Secretary:* Charles W. Hunt. Officers elected for one year; terms expire March 1, 1942.

History: Organized February, 1917. *Reference:* Yearbook, 1941, page 47.

Object: To improve teacher-training institutions and to insure adequate preparation for all teachers.

Membership: Open to institutions offering two, three, four, or more years of college work directly related to the professional preparation of teachers. Annual dues \$50. Total membership 185. List of members available.

Meetings: Annual, with the American Association of School Administrators.

Research funds, medals, etc.: Funds of about \$2,500 are available for the research work carried on by the Committee on Standards and Surveys.

Publications: Yearbook, price \$1.

80. **American Association of Textile Chemists and Colorists.** *President:* Thomas R. Smith, Wiscasset Mills, Albemarle, N. C. *Secretary:* H. C. Chapin, Lowell Textile Institute, Lowell, Mass. Term of President, elected for one year, expires December, 1942; Secretary appointed for an indefinite term.

History: Organized November, 1921. *Sections:* Northern New England, New York, Philadelphia, Piedmont, Rhode Island, South Central, Southeastern, and Mid-West. *Student Sections:* Lowell Textile Institute, North Carolina State College, and Philadelphia Textile School.

Object: To promote the increase of knowledge of the application of dyes and chemicals in the textile industry; to encourage in any practical way research on chemical processes and materials of importance to the textile industry, and to establish for the members channels by which the interchange of professional knowledge among them may be increased.

Membership: Senior, Junior, and Associate members with annual dues of \$5; Student members, annual dues \$2.50; Corporate members with a minimum annual payment of \$25. Total membership 2,712. List of members in Yearbook.

Meetings: General meetings are held annually; section meetings.

Publications: Year Book, 1923-1941, price \$3.50. Proceedings are published fortnightly in the American Dyestuff Reporter.

81. **American Association of the History of Medicine.** *President:* Esmond R. Long, Henry Phipps Institute, Seventh and Lombard Streets, Philadelphia, Pa. *Secretary:* Henry E. Sigerist, 1900 East Monument Street, Baltimore, Md. Term of President, elected for two years, expires January, 1941; of Secretary, elected for two years, December, 1943.

History: Founded in 1925; the Association acts as the United States and Canadian sections of the International Society of the History of Medicine. *Sections:* Twenty constituent societies.

Object: To promote research, study, and interest in the history of medicine which includes the history of public health, dentistry, pharmacy, nursing, medical social work, and allied subjects.

Membership: Constituent societies, annual dues \$10; Active members, \$5; Corresponding, \$5; Honorary. Total membership 436. List of members available.

Meetings: Two meetings are held a year, the Annual Meeting in Atlantic City, first week in May; Fall Meeting in different sections of the country.

Research funds, medals, etc.: FIELDING H. GARRISON LECTURE, given each year at the Annual Meeting. WILLIAM OSLER MEDAL, granted for the best student essay of the year.

Publications: Bulletin of the History of Medicine, 10 numbers a year, published jointly with the Johns Hopkins Institute of the History of Medicine since 1939, free to members. Bibliography of the History of Medicine in the United States and Canada, reprinted each year from the Bulletin.

82. **American Association of University Professors.** 1155 Sixteenth Street, N. W., Washington, D. C. *President:* William T. LaPrade, Duke University, Durham, N. C. *General Secretary:* Ralph E. Himstead. Term of President, elected for two years, expires December, 1943; of Secretary, indefinite.

History: Organized 1915.

Object: To facilitate a more effective cooperation among teachers and investigators in universities and colleges, and in professional schools of similar grade, for the promotion of the interest of higher education and research, and to increase the usefulness and advance the standards and ideals of the profession in general.

Membership: Active members, those who hold positions of teaching or research with the rank of instructor or higher in eligible institutions and are devoting at least half time to teaching

or research, annual dues \$4; Junior, those who are or who within the past five years have been graduate students in eligible institutions, annual dues \$3; Associate, those who have ceased to be eligible for Active or Junior membership because their work has become primarily administrative, annual dues \$3; Emeritus; Life members. Total membership 15,872. Membership list available, price \$1.

Meetings: Annual, at various places.

Publications: Bulletin, bimonthly during the academic year, 1-27, 1915-1941, price \$3, included in dues of members.

83. American Association of University Women. 1634 Eyc Street, N.W., Washington, D. C. *President:* Helen Constance White, University of Wisconsin, Madison, Wis. *General Director:* Kathryn McHale. Term of President, elected for two years, expires May 31, 1943.

History: Organized January 14, 1882, in Boston, Mass., as the Association of Collegiate Alumnae; chartered in Massachusetts in 1899; in 1921 it merged with the Southern Association of College Women adopting the present name. *Sections:* North Atlantic, South Atlantic, Northeast Central, Southeast Central, Northwest Central, Southwest Central, Rocky Mountain, North Pacific, and South Pacific. *References:* The History of the American Association of University Women, by Marion Talbot and Lois K. M. Rosenberry, Boston, Houghton Mifflin, 1931, 279 pages. The A.A.U.W., What It Is and What It Does, published by the Association.

Object: To unite the alumnae of different institutions for practical educational work, to collect and publish statistical and other information concerning education, and to maintain high standards of education.

Membership: Individual members, required to have approved degree from an institution approved by the Association, 70,943, annual dues \$2; Corporate members 164, required to have the approval by the Association for general membership of graduates, annual payment of \$25; Affiliated Alumnae Associate members, 24, approved institutions only, annual dues graduated on basis of membership of the alumnae association, with maximum of \$40.

Meetings: Biennial, at place determined by each convention for the next.

Library: 5,300 volumes on education, international relations, social studies, the arts, and the economic and legal status of women. There is a small lending library in education for the use of members.

Research funds, medals, etc.: Twenty-three fellowships for graduate study or research are offered to women, most of them carrying a

\$1,500 stipend. The Association's fellowship endowment funds total approximately \$750,000.

Publications: Journal of the American Association of University Women, quarterly, 1-34, 1911-1941, price \$1, included in dues of members. The Journal was published from January, 1911, through September, 1921, as the Journal of the Association of Collegiate Alumnae, when it was issued irregularly. General Director's Letter, quarterly, a work manual for branch presidents and committee chairmen, 1-8, July, 1933-March, 1941, price \$1.

84. American Association of Variable Star Observers. *President:* Dirk Brouwer, Yale Observatory, New Haven, Conn. *Secretary:* D. W. Rosebrugh, 18 Linden Road, Poughkeepsie, N. Y. Officers elected for one year; terms expire October, 1942.

History: Formed in 1911. *Sections:* Reduction of Occultations; Search for Bright Novae; Photographic Section; Observation of Aurorae.

Object: The study of variable stars.

Membership: Annual members, persons with an interest in the work of the Association and a proven ability to carry on variable star observing, entrance fee \$3, annual dues \$2; Life, fee of \$25; Honorary, persons who have made notable contributions to variable star astronomy; Patrons, persons making a substantial donation to the work of the Association, either in cash or in astronomical equipment. Total membership 350. List of members issued every two or three years.

Meetings: Twice a year, at Cambridge in October, and various places in May.

Library: Charles Y. McAtee Library of 800 volumes and 2,000 pamphlets on variable stars and general astronomy.

Research funds, medals, etc.: PICKERING MEMORIAL FUND, for promoting variable star observing and discussion. DAVID B. PICKERING MEDAL, gold, for original discovery of a nova by visual methods. MERIT AWARD FUND, granted occasionally to outstanding members of the Association for their contributions. Search for nova, variable stars, occultations, and aurorae carried on in collaboration with Cornell University and the National Geographic Society. The Post Memorial Telescope is located at Harvard Observatory.

Publications: Observations, appear quarterly in the Annals of the Harvard College Observatory, free to observers. Variable Star Observations, monthly in Popular Astronomy, 1911-1935. Monthly Notes on Variable Stars, in Popular Astronomy, 1936-1941. Variable Comments, 1-3, 1924-1941, free to members.

85. American Association of Zoological Parks and Aquariums. *Chairman:* Freeman M.

Shelly, Philadelphia Zoological Garden, 34th and Girard Streets, Philadelphia, Pa. *Secretary*: Tod Raper, Columbus Dispatch, Columbus, Ohio. Officers elected for one year; terms expire September 1, 1942.

History: Organized October, 1924. *Reference*: Zoological Parks and Aquariums, issued in 1932 by Parks and Recreation, Box 422, Tulsa, Okla., price \$1.

Object: To promote and advance zoological parks and aquariums, to aid in the exchange and importation of zoological specimens, to provide exhibits for scientific and recreational purposes, and to aid in the preservation of wild life.

Membership: Members must also be members of the American Institute of Park Executives or the American Park Society and have been approved by the membership committee of this Association. Annual dues \$10. Total membership 65.

Meetings: Annual, in connection with the American Institute of Park Executives.

Publications: The official organ of the Association is Parks and Recreation.

86. American Association on Mental Deficiency, Inc. 100 Nashua Street, Boston, Mass. *President*: Fred Butler, Eldridge, Calif. *Secretary*: Neil A. Dayton. Term of President, elected for one year, expires May, 1942; of Secretary, indefinite.

History: Organized June, 1876. Name changed in 1933 from the American Association for the Study of the Feeble-minded to present title. There are eight geographic regions in the United States and Canada.

Object: To study all phases of the cause, care, treatment, and prevention of mental deficiency.

Membership: Active members, annual dues \$6; Fellows, \$8; Associates, \$4; Honorary, Life. Total membership 744. Membership list available for \$1.

Meetings: Annual.

Publications: American Journal of Mental Deficiency, quarterly, 1896-1941, price \$3.50, free to members.

87. American Association to Promote the Teaching of Speech to the Deaf. Volta Bureau, 1537 35th Street, N.W., Washington, D. C. *President*: E. A. Gruver, 47 Woodale Road, Philadelphia, Pa. *Secretary*: T. C. Forrester, Rochester School for the Deaf, Rochester, N. Y. *Executive Secretary*: Josephine B. Timberlake. Terms of President and Secretary, elected for one year, expire January, 1943.

History: Founded and endowed by Alexander Graham Bell; incorporated 1890.

Object: To help schools for the deaf in their efforts to teach speech and lip reading; to aid, through information, by means of personal letters and printed matter, those interested in any of the problems occasioned by deafness. The information supplied includes facts relating to the education of the deaf, the training of the pre-school child, the education of the hard of hearing child, the welfare of the hard of hearing adult, lip reading, hearing aids, the prevention of deafness, reeducation of residual hearing, the correction of speech defects in the deaf and the hard of hearing, and lists of schools for the deaf.

Membership: Membership open to all who are interested in any of the objects of the Association; annual dues \$2; Life membership \$50. Total membership 2,300.

Meetings: Business meetings are held annually; program meetings biennially.

Library: 10,000 volumes relating to deafness, speech, philology, phonetics, etc.

Publications: Proceedings of Program Meetings, 1-17, 1891-1940. Association Review, 1-11, 1899-1909; name changed to Volta Review, monthly, 12-43, 1910-1941, price \$2 domestic, \$2.50 foreign, free to members.

88. American Astronomical Society. *President*: Joel Stebbins, Washburn Observatory, Madison, Wis. *Secretary*: Dean B. McLaughlin, Observatory, University of Michigan, Ann Arbor, Mich. Term of President, elected for three years, expires September, 1943; of Secretary, elected for one year, September, 1942.

History: Organized 1899 as the Astronomical and Astrophysical Society of America; name changed 1914 to present title.

Object: The advancement of astronomy, astrophysics, and related branches of physics.

Membership: Membership is open to any person deemed capable of preparing an acceptable paper upon some subject of astronomy, astrophysics, or related branch of physics. Members, annual dues \$3; Life members, annual dues dependent upon age of member. Total membership 630. Membership list available for 25 cents.

Meetings: Two meetings are held each year, usually at a college or observatory.

Research funds, medals, etc.: ANNIE J. CANNON PRIZE, established in 1933, awarded to women for distinguished contributions to astronomy or closely related sciences. The award, open to women of all countries, is made not more than once in three years.

Publications: Publications of the American Astronomical Society, 2 numbers a year, 1-9, 1899-1941, price \$2.50 a volume, free to members.

89. American Bakers Association. 1135 Fullerton Avenue, Chicago, Ill. *President:* L. J. Schumaker, 1011 Chestnut Street, Philadelphia, Pa. *Secretary:* Tom Smith. Officers elected for one year; terms expire January, 1942.

History: Organized 1897 as the National Association of Master Bakers; name changed 1921 to present title.

Object: To increase the use of commercially baked products by securing wider application by bakers of improved methods and advanced baking practice, and by education within the industry to promote quality of products and high standards of sanitation and trade practices.

Membership: Plant members. Dues: annual basis, standard Peel Type oven or equivalent. Total membership 1,000.

Meetings: Annual, at various places.

Publications: Monthly Bulletin, 1-2, 1936-1941, now in third volume, free to members.

90. American Biological Society. University of Pennsylvania, Philadelphia, Pa. *President:* A. J. Carlson, University of Chicago, Chicago, Ill. *Secretary:* Lt. Col. A. P. Hitchens, M.C., U. S. A., University of Pennsylvania, Philadelphia, Pa. Term of President, elected for one year, expires December, 1941; of Secretary, elected for three years, December, 1943.

History: Originated in Philadelphia in December, 1940.

Object: The collection, integration, and dissemination of knowledge pertaining to the life sciences through support to the publication of Biological Abstracts, by convocations, and by other means.

Membership: Active members, annual dues \$3; Life members, payment of \$300; Sustaining members, payment of \$5,000; Library members, libraries or firms, corporations, or associations subscribing for two complete volumes of Biological Abstracts; Corresponding; Honorary. Any person interested in the promotion of biology is eligible for election as an active member of the Society.

Meetings: Annual.

Publications: One of the functions of the Society is the support of the periodical, Biological Abstracts. Papers presented at meetings of the Society may be published in Biological Abstracts or as a separate volume by arrangement between the Executive Committee and the Board of Trustees of Biological Abstracts.

91. American Bison Society. 11 Park Place, New York, N. Y. *President:* Edmund Seymour, 11 Park Place, New York, N. Y. *Secretary:* M. S. Garretson, 3150 Decatur Avenue, New York, N. Y. Officers elected for one year; terms expire Fall, 1942.

History: Organized December 12, 1905.

Object: The permanent preservation of the American bison, and the protection of North American big game.

Membership: Active members, annual dues \$5; Associate, \$1; Life, \$100.

Meetings: Annual, the second Thursday in January.

Publications: Annual Report.

92. American Bottlers of Carbonated Beverages. 224 Southern Building, Washington, D. C. *President:* Edward Wagner, 1920-26 Race Street, Cincinnati, Ohio. *Secretary:* John J. Riley. Term of President, elected for two years, expires November, 1942; of Secretary, indefinite.

History: Organized 1919.

Object: The advancement of the bottled carbonated beverage industry, and the promotion of the interests of individual members.

Membership: Members, those who bottle carbonated beverages; Associate members, those who exhibit at the annual convention. Annual dues are based on filling machinery. Total membership, 2,050 Members, 200 Associate members. Membership list available for \$5.

Meetings: An annual convention and exposition is held at different places as chosen each year.

Library: A library on technical topics is maintained.

Research funds, medals, etc.: Two laboratories are maintained, one, the Technical Service Laboratory, at Washington, D. C.; the other, the A.B.C.B. Fellowship Laboratory, at Iowa State College. Under the direction of the Washington Laboratory, a Field Laboratory travels each summer to help the individual plants. A SAFETY AWARD, is made each year to plants which have had no accident.

Publications: A.B.C.B. Monthly Bulletin, 1920-1941, for members only.

93. American Broncho-Esophagological Association. *President:* W. L. Simpson, 899 Madison Avenue, Memphis, Tenn. *Secretary:* Paul Holinger, 700 North Michigan Avenue, Chicago, Ill. Officers elected for one year; terms expire June, 1942.

History: Organized in 1917 as the Clinical Association of American Peroral Endoscopists; name changed in 1919 to Association of American Peroral Endoscopists; in 1921 to the American Bronchoscopic Society; and in 1939 to the present title.

Object: The promotion of the knowledge of diseases and injuries in the respiratory and upper digestive tracts, and the advancement of the science of broncho-esophagology.

Membership: Active members, graduates of medicine and diplomates of the recognized Board of his specialty who by endoscopic skill and scientific ability are qualified as broncho-esophagologists, entrance fee, \$20, annual dues \$10; Associate members; Corresponding; Honorary; Senior. Membership is by invitation only. Total membership 126.

Meetings: Annual, at place determined in January of each year.

Publications: Transactions, price \$2.50.

94. American Butter Institute. Room 1404, 110 North Franklin Street, Chicago, Ill. **President:** R. E. Pearsall, Armour and Company, U. S. Yards, Chicago, Ill. **Secretary:** N. W. Hepburn. Officers elected for one year; terms expire December, 1942.

History: Organized 1908; incorporated 1934. The name was changed from the American Association of Creamery Butter Manufacturers.

Object: The advancement of butter and other dairy products, and the promotion of the interests of members and of agriculture in general.

Membership: Represents about 600 butter manufacturing plants. Annual dues seven cents per 1,000 pounds manufactured in the previous calendar year with a minimum of \$10.

Meetings: Annual; and other meetings as required.

Library: A private library of technical books is maintained.

Research funds, medals, etc.: A research and control laboratory is maintained for service to members.

Publications: Annual Report. Weekly Bulletin Laboratory Manual. Special Reports. Publications are free to members.

95. American Ceramic Society. 2525 North High Street, Columbus, Ohio. **President:** J. T. Littleton, Corning Glass Works, Corning, N. Y. **General Secretary:** Ross C. Purdy. Term of President, elected for one year, expires April, 1942; of Secretary, indefinite.

History: Founded 1899; incorporated 1905. There are nine local sections.

Object: To promote the art, science, and technology of ceramics.

Membership: Personal members, 1,724, annual dues \$12.50; Corporation members, 241, \$25.

Meetings: Annual, at place designated by the Board of Trustees; divisional meetings in the autumn.

Library: A library is maintained which covers the field of inorganic science.

Publications: Transactions, 1-19, 1899-1917. Journal, 1-23, 1918-1941. Bulletin, 1-19, 1922-

1941. Ceramic Abstracts, 1-19, 1922-1941. The Journal and Abstracts are published under one cover, but separately paged, price \$15, free to members. The Bulletin is issued separately, price \$1.50.

96. American Chemical Society. 1155 Sixteenth Street, N.W., Washington, D. C. **President:** Harry N. Holmes, Oberlin College, Oberlin, Ohio. **Secretary:** Charles L. Parsons. Officers elected for one year; terms expire December 31, 1942. **President-elect:** Per K. Frolich, Elizabeth, N. J.

History: Organized April 20, 1876; incorporated 1877; reorganized 1891-92 in the direction of securing national cooperation; incorporated under Federal charter 1937. **References:** History of the American Chemical Society, by Charles L. Parsons, Supplement to the Journal of the American Chemical Society, August, 1926. Organization Meeting of the American Chemical Society, News Edition, Industrial and Engineering Chemistry, 16: 47-60, 1938. **Local sections:**

Name	Date chartered	Headquarters	Membership Dec., 1940
Rhode Island	Jan., 1891	Providence, R. I.	134
New York	Sept., 1891	New York, N. Y.	2481
Cincinnati	Mar., 1892	Cincinnati, Ohio	331
Washington, D. C.	April, 1893	Washington, D. C.	694
Lehigh Valley	Dec., 1893	Easton and South Bethlehem, Pa.	217
Chicago	May, 1895	Chicago, Ill.	1677
Nebraska	May, 1895	Lincoln, Neb.	41
North Carolina	Dec., 1896	Raleigh, N. C.	133
Columbus	Oct., 1897	Columbus, Ohio	218
Northeastern	Mar., 1898	Boston, Mass.	1022
Philadelphia	April, 1899	Philadelphia, Pa.	1231
Univ. of Mich.	Dec., 1899	Ann Arbor, Mich.	86
Kansas City	Nov., 1900	Kansas City, Mo.	153
California	Dec., 1901	San Francisco, Calif.	686
Cornell	Dec., 1902	Ithaca, N. Y.	65
Pittsburgh	Feb., 1903	Pittsburgh, Pa.	748
Georgia	Jan., 1904	Atlanta, Ga.	117
Iowa	Mar., 1905	Iowa City, Iowa	65
Western New York	Nov., 1905	Buffalo, N. Y.	481
Minnesota	Jan., 1906	Minneapolis, Minn.	204
Indiana	Feb., 1906	Indianapolis, Ind.	285
Univ. of Illinois	April, 1906	Urbana, Ill.	204
Louisiana	June, 1906	New Orleans, La.	132
Syracuse	May, 1907	Syracuse, N. Y.	189
Wisconsin	July, 1907	Madison, Wis.	169
St. Louis	July, 1907	St. Louis, Mo.	360
Eastern New York	Jan., 1908	Schenectady, N. Y.	177
Louisville	Jan., 1908	Louisville, Ky.	110
Milwaukee	Dec., 1908	Milwaukee, Wis.	188
Cleveland	Jan., 1909	Cleveland, Ohio	386
Puget Sound	Feb., 1909	Seattle, Wash.	146
Univ. of Missouri	June, 1909	Columbia, Mo.	46
Nashville	Jan., 1911	Nashville, Tenn.	40
Southern Calif.	Feb., 1911	Los Angeles, Calif.	581
Connecticut Valley	April, 1911	Hartford, Conn.	268
Detroit	Jan., 1912	Detroit, Mich.	480
New Haven	Feb., 1912	New Haven, Conn.	110
Lexington	April, 1912	Lexington, Ky.	45
Maine	April, 1913	Orono, Me.	55
Oregon	July, 1913	Portland, Ore.	92
Rochester	July, 1913	Rochester, N. Y.	374
Alabama	Mar., 1913	Birmingham, Ala.	89
Maryland	Sept., 1914	Baltimore, Md.	348

Name	Date chartered	Headquarters	Membership Dec. 1940
Virginia	April, 1915	Richmond, Va.	241
Ames	Oct., 1915	Ames, Iowa	92
Central Texas	April, 1917	Austin, Tex.	108
Mich. State College	April, 1917	East Lansing, Mich.	73
Southeastern Texas	April, 1917	Port Arthur and Houston, Tex.	166
Toledo	April, 1917	Toledo, Ohio	80
Delaware	Oct., 1917	Wilmington, Del.	645
Oklahoma	May, 1919	Stillwater, Okla.	196
Midland	Dec., 1919	Midland, Mich.	154
Colorado	April, 1920	Denver, Colo.	110
South Jersey	April, 1920	Carney's Point, N. J.	154
Omaha	May, 1920	Omaha, Nebr.	31
Purdue	Jan., 1922	Lafayette, Ind.	78
St. Joseph Valley	Jan., 1922	South Bend, Ind.	69
Hawaiian	April, 1922	Honolulu, T. H.	47
Sacramento	April, 1922	Sacramento, Calif.	63
Northern W. Va.	April, 1922	Morgantown, W. Va.	38
Akron	Mar., 1923	Akron, Ohio	389
Erie	April, 1923	Erie, Pa.	59
Illinois-Iowa	July, 1923	Davenport, Iowa	85
Florida	Jan., 1924	Gainesville, Fla.	126
Central Pennsylvania	Feb., 1924	State College, Pa.	145
N. W. Utah	April, 1924	Bolt Lake City, Utah	46
North Jersey	July, 1925	Newark, N. J.	1480
Princeton	April, 1927	Princeton, N. J.	41
Kanawha Valley	Nov., 1927	Charleston, W. Va.	170
South Carolina	Nov., 1927	Columbia, S. C.	54
Montana	April, 1928	Bozeman, Mont.	29
Wash.-Idaho Border	April, 1928	Pullman, Wash.	40
Kansas State College	May, 1928	Manhattan, Kans.	38
Wichita	May, 1929	Wichita, Kans.	43
East Tennessee	May, 1930	Knoxville, Tenn.	42
Southeast Kansas	June, 1930	Pittsburg, Kans.	33
Dayton	Dec., 1930	Dayton, Ohio	105
N. E. Wisconsin	Dec., 1930	Appleton, Wis.	58
Va. Blue Ridge	May, 1931	Roanoke, Va.	68
N. E. Tennessee	Mar., 1932	Kingsport, Tenn.	78
Western Connecticut	April, 1936	Stamford, Conn.	207
Dallas-Fort Worth	April, 1937	Fort Worth, Tex.	117
Panhandle Plains	April, 1937	Amarillo, Tex.	48
Wilson Dam	April, 1937	Wilson Dam, Ala.	44
Southeast Tennessee	Sept., 1937	Chattanooga, Tenn.	32
Baton Rouge	April, 1939	Baton Rouge, La.	96
Memphis	April, 1939	Memphis, Tenn.	66
Pennsylvania-New York Western Border	April, 1939	Warren, Pa.	51
Sioux Valley	April, 1939	Sioux Falls, S. Dak.	32
Texas A. & M.	April, 1939	College Station, Tex.	23
Western Vermont	April, 1939	Burlington, Vt.	35
Peoria	Sept., 1939	Peoria, Ill.	90
Western Maryland	Oct., 1940	Cumberland, Md.	55
S. E. Pennsylvania	April, 1941	York, Pa.	77
Wooner	April, 1941	Wooner, Ohio	27
San Diego	April, 1941	San Diego, Calif.	28

Object: To encourage in the broadest and most liberal manner the advancement of chemistry in all its branches; to promote research in chemical science and industry; to improve the qualifications and usefulness of chemists through high standards of professional ethics, education, and attainments; to increase and diffuse chemical knowledge; and by its meetings, professional contacts, reports, papers, discussions, and publications, to promote scientific interests and inquiry, thereby fostering public welfare and education, aiding the development of the country's industries, and adding to the material prosperity and happiness of the people.

Membership: Members, 27,860, annual dues \$9, life composition \$500; Honorary, 8; Life, 16; Corporation, 605.

Meetings: Semiannual, at different places in America designated by the Council; section meetings usually held monthly.

Library: The library of the Society has been made a part of the library of the Chemists Club of New York City, to which all members have access.

Research funds, medals, etc.: (Amounts as of December 31, 1940.) **LIFE MEMBERSHIP FUND**, capital \$7,117, derived from payments for life membership; income used to pay annual dues of life members and balance devoted to research. **ENDOWMENT FUND**, capital \$101,709, income used solely to help finance publications of the Society. **CHEMICAL ABSTRACT FUND**, \$186,796, a reserve for publication. **DECENNIAL INDEX FUND**, \$164,488, a revolving fund, reimbursed from sales to guarantee regular printing of Decennial Indexes to Chemical Abstracts. **PRIESTLEY MEDAL**, founded by the Society from the residue of a fund collected by the Priestley Memorial Committee for the purpose of placing a portrait of Dr. Joseph Priestley, the discoverer of oxygen, in the National Museum at Washington, D. C. This medal is an award of the General Society given every three years for distinguished services to chemistry. Present fund, capital \$1,340. **AMERICAN CHEMICAL SOCIETY AWARD IN PURE CHEMISTRY**, established by Arthur C. Langmuir, to encourage and recognize fundamental research in pure science by young men and women chemists working in North America, a certificate and \$1,000 awarded annually to a person less than thirty-six years of age, when, in the opinion of the jury of award, there is a worthy recipient. **ELI LILLY AND COMPANY AWARD IN BIOLOGICAL CHEMISTRY**, to stimulate fundamental research in biological chemistry in the United States by a young man or woman working in a college or university, a bronze medal and \$1,000 awarded annually to a citizen of the United States who is less than thirty-six years of age, when, in the opinion of the jury of award, there is a worthy recipient. **BORDEN COMPANY AWARD**, to give recognition to the debt the dairy industry owes to scientific research and to encourage the continuation of such research, a gold medal and \$1,000, to be awarded for outstanding research in the chemistry of milk, which is not to include the chemistry of nutrition or bacteriology. **GARVAN MEDAL**, awarded when, in the opinion of the jury of award, there is a worthy recipient, to an American woman for distinguished service to chemistry. **Local Section Awards:** **WILLARD GIBBS MEDAL** (Chicago); **HENRY HOCHSTETTER PRIZE** (Cincinnati); **NICHOLS MEDAL** (New York); **THEODORE WILLIAM RICHARDS**

MEDAL (Northeastern); PITTSBURGH AWARD (Pittsburgh); HILLEBRAND PRIZE (Washington, D. C.); JACOB F. SCHÖELLKOFF MEDAL (Western New York).

Publications: Proceedings, 1-2 (1876-1878); continued in Journal of the American Chemical Society until 1935; in the News Edition, 1935-1941. Journal of the American Chemical Society, monthly, 1-63, 1879-1941, price \$8.50, \$3 to members, foreign postage \$1.50 additional. Chemical Abstracts, semimonthly, 1-35, 1907-1941, price \$12, \$6 to members, \$5.50 with subscription to Journal or Industrial and Engineering Chemistry, \$5 with subscription to both, foreign postage \$2.40 additional. Industrial and Engineering Chemistry, semimonthly, Industrial Edition on the first, 1-33, 1909-1941; Analytical Edition on the fifteenth, 1-13, 1929-1941; price \$4, \$3 to members, foreign postage \$2.25 additional. News Edition, semimonthly, 1-19, 1923-1941, price \$2, free to members, foreign postage 60 cents additional. Chemical Monographs, 86 issued to date, separately priced, orders through Reinhold Publishing Corporation, New York, N. Y. Journal of Physical Chemistry, monthly except July, August, and September, 1-45, 1896-1941, price \$10, \$8 to members, outside the Postal Union \$1 additional; published by Williams and Wilkins Company, Baltimore, Md., under the joint auspices and editorial control of this Society and the Faraday Society. Chemical Reviews, bimonthly, 1-29, 1924-1941, published by Williams and Wilkins Company, Baltimore, Md., under the auspices and editorial control of this Society; price \$5 per vol. (2 vols. per year), or \$9 per year; \$4 per vol. or \$7 per year to members; outside the Postal Union 50 cents additional per vol. Journal of Chemical Education, monthly, 1-18, 1924-1941, published by the Division of Chemical Education of this Society, P. H. Fall, Secretary, Hiram College, Hiram, Ohio; price \$3, Canada \$3.50, other countries \$4. Rubber Chemistry and Technology, quarterly, 1-14, 1928-1941, published by the Division of Rubber Chemistry of this Society, C. W. Christensen, Treasurer, Akron, Ohio; price \$2.50 to members of the Society enrolled in this Division; \$5 to associate members of the Division; \$5 to companies and libraries; Canadian postage 20 cents additional; other countries 50 cents additional.

97. American Clinical and Climatological Association. *President:* C. Sidney Burwell, Harvard Medical School, Boston, Mass. *Secretary:* James Bordley, III, Johns Hopkins Hospital, Baltimore, Md. Officers elected for one year; terms expire October 16, 1942.

History: Organized 1884 as the American Climatological Association; name changed in 1914 to the American Climatological and Clinical

Association; words rearranged in 1932 to form the present title.

Object: The clinical study of disease.

Membership: Active members, 174, annual dues \$10; Honorary, 17; Emeritus, 38. Total membership 229.

Meetings: Annual, at various places.

Research funds, medals, etc.: GORDON WILSON MEMORIAL FUND, to provide an annual lectureship, with an honorarium of \$100.

Publications: Transactions, annual, 1-56, 1885-1941, free to members.

98. American College of Apothecaries. *President:* Max N. Lemberger, 324 East Wisconsin Avenue, Milwaukee, Wis. *Secretary:* Charles V. Selby, 220 Milford Street, Clarksburg, W. Va. Term of President, elected for one year, expires August, 1942; Secretary selected by Board of Directors.

History: Organized May 10, 1940, in Richmond, Va.

Object: To promote public health, to cooperate with other public health professions, and to disseminate helpful information to the membership.

Membership: Registered pharmacists. Fellows and Associate fellows, annual dues \$35. Total membership 69.

Meetings: Annual, with the American Pharmaceutical Association.

Publications: Monthly bulletin service, issued to members only.

99. American College of Chest Physicians. 500 North Dearborn Street, Chicago, Ill. *President:* Benjamin Goldberg, 58 East Washington Street, Chicago, Ill. *Secretary:* Paul H. Holinger, 700 North Michigan Avenue, Chicago, Ill. Officers elected for one year; terms expire June, 1942.

History: Organized 1935, as the Federation of American Sanatoria; reorganized 1937, and name changed to present title.

Object: To further the pursuit of medical knowledge and to elevate the standards of the physicians engaged in the specialty of chest diseases.

Membership: Limited to qualified chest specialists. Fellows and Associate members. Entrance fee \$100; annual dues \$10. Total membership 1,058. List of members available for \$1.

Meetings: Annual.

Publications: Diseases of the Chest, monthly, 1-7, 1935-1941, price \$2.50, free to members. Pneumothorax Directory, annual.

100. American College of Dentists. *President:* E. G. Meisel, 121 University Place, Pittsburgh, Pa. *Secretary:* O. W. Brandhorst, 4952 Maryland Avenue, St. Louis, Mo. Term

of President, elected for one year, expires August, 1942; of Secretary, indefinite.

History: Organized August 20, 1920.

Object: To promote the ideals of the dental profession; to advance the standards and efficiency of dentistry; to stimulate graduate study and effort by dentists; to confer Fellowship in recognition of meritorious achievement, especially in dental science, art, education, and literature; and to improve public understanding and appreciation of oral health service.

Membership: Active members, those who have made notable contributions to dentistry or who have done graduate, scientific, literary, or educational work of merit, entrance fee \$100, annual dues \$10; Honorary members. Total membership 1,077.

Meetings: Annual convocation at time and place of the meeting of the American Dental Association; occasional special meetings.

Research funds, medals, etc.: The Committee on Research has formulated plans for the granting of research fellowships and grants-in-aid to men in various fields of research. The College has available now only limited funds for research, but it is its hope that other funds may be added.

Publications: Journal, quarterly, 1-7, 1934-1941, price \$2, included in dues of members.

101. **American College of Hospital Administrators.** 18 East Division Street, Chicago, Ill. *President:* Lucius R. Wilson, Hospital of the Protestant Episcopal Church, Philadelphia, Pa. *Secretary:* Dean Conley. Term of President, elected for one year, expires September, 1942; of Secretary, March, 1942.

History: Formed in 1933. *Sections:* Fifteen regions throughout the United States and Canada.

Object: To improve hospital administration and conduct educational courses for hospital administrators.

Membership: Member, entrance fee \$25, annual dues \$20; Fellow, \$50, \$25; Nominee, \$10, \$10. Total membership 961. List of members available for \$2.

Meetings: Annual.

Publications: ACHA News, issued once in two months, 1-4, 1938-1941, free to members.

102. **American College of Physicians.** 4200 Pine Street, Philadelphia, Pa. *President:* Roger I. Lee, 264 Beacon Street, Boston, Mass. *Executive Secretary:* E. R. Loveland. Term of President, elected for one year, expires April, 1942; of Secretary, indefinite.

History: Chartered 1915 under the Laws of Delaware as a corporation "not for profit," designed to be an organization in which internists and allied specialists may find a com-

mon meeting ground for the discussion of the special problems that concern them and through which their interest may have proper representation. Organized at the same time was the American Congress on Internal Medicine, whose primary function was the conduct of an annual Congress in which the College participated. In February, 1926, the American Congress on Internal Medicine was merged with the American College of Physicians, former members of the Congress becoming Associates of the College. *Reference:* The American College of Physicians—Its First Quarter Century, by William Gerry Morgan, 1940.

Object: To establish an organization composed of qualified physicians of high standing who shall meet from time to time for the purpose of considering and discussing medical and scientific topics and who through their organization shall attempt to accomplish the further purposes of: maintaining and advancing the highest standards in medical education, medical practice, and clinical research; perpetuating the history and best traditions of medicine and medical ethics; and maintaining both the dignity and the efficiency of internal medicine in its relationship to public welfare.

Membership: Limited to qualified internists of high standing and those of equal high standing engaged in pediatrics, neurology, psychiatry, pathology, radiology, public health, and other related specialties. Associates, junior members on probation for period of three to five years, annual dues \$12; Fellows, advanced from Associateship, entrance fee \$80, annual dues \$15; Masters (honorary); Life, payment ranging from \$380 down to \$100, depending on age. Life members may be either Masters or Fellows. List of members in the Directory.

Meetings: Annual session at various large medical centers in the United States or Canada, of five days duration; State or sectional meetings.

Library: A Memorial Library is maintained, comprising about 400 publications by its members, and several thousand reprints.

Research funds, medals, etc.: JOHN PHILLIPS MEMORIAL AWARD, founded October 27, 1929, in memory of the late Dr. John Phillips. A bronze medal is given periodically, usually annually, for some outstanding piece of work in internal medicine, and in addition, the recipient is expected to present a paper on the research thus recognized at the Annual Session. ANNUAL RESEARCH FELLOWSHIPS, two to five, in the amount of \$1,800 to young physicians for the purpose of promoting and advancing clinical research. CONVOCATIONAL LECTURESHIP, established on April 15, 1934, to be delivered at the annual Convocation at which new Fellows are inducted.

Publications: Annals of Medicine, 1, 1920. Annals of Clinical Medicine, 1-5, 1922-1927. Annals of Internal Medicine, monthly, 1-15, 1927-1942, price \$7 domestic, \$8 foreign, free to members and on exchange.

103. **American College of Radiology.** 540 North Michigan Avenue, Chicago, Ill. *President:* W. Edward Chamberlain, 3401 North Broad Street, Philadelphia, Pa. *Secretary:* Mac F. Cahal. Term of President, elected for one year, expires June, 1942; Secretary appointed by the Board of Chancellors.

History: Incorporated January 10, 1924, in California.

Object: To establish an organization of radiologists for the purpose of advancing the science of radiology and of improving radiologic service to the sick by means of the study of the economic aspects of the practice of radiology, and the encouragement of improved educational facilities for radiologists.

Membership: Fellows, 373, entrance fee \$25, annual dues \$25; Fellows Emeritus, 7; Members, 1,271, annual dues \$10; Members Emeritus, 2; Honorary Fellows 26. Required to be diplomates of the American Board of Radiology, practicing the specialty of radiology, and members of American or Canadian medical associations. Total membership 1,299. Membership list published in Bulletin of the American College of Radiology.

Meetings: Annual, at the time and place of meeting of the American Medical Association.

Publications: Bulletin of the American College of Radiology, annual. Transactions, annual. Monographs. No charge is made for publications.

104. **American College of Surgeons.** 40 East Erie Street, Chicago, Ill. *President:* W. Edward Gallie, 170 St. George Street, Toronto, Ontario, Canada. *Chairman, Board of Regents:* Irvin Abell, Louisville, Ky. *Secretary:* Frederic A. Besley. Terms of President and Secretary, elected for one year, expire October, 1942.

History: Organized May, 1913, in the City of Washington by about five hundred surgeons of the United States and Canada. *Sections:* State and Provincial.

Object: The advancement of the science of surgery and the ethical and competent practice of its art; the establishment of standards of hospital construction, administration, and equipment; research in the determination of the cause, nature, and cure of disease; better instruction of doctors; formulation of standards of medicine and methods for the improvement of adverse conditions surrounding the ill and injured.

Membership: Active members, graduates of accredited medical schools of not less than

seven years, whose professional activity is devoted to study, diagnosis, and operative work in general surgery, or in special fields of surgery as eye, ear, nose and throat, genito-urinary, orthopedics, proctology, and gynecology and obstetrics. Moral, ethical, and professional qualifications are passed upon by state or provincial and central committees, after which the candidate must submit one hundred case records, fifty in complete detail, and fifty in abstract; the fifty complete records must be of major work which he has done himself, and the fifty in abstract of major operations at which he has assisted or has done himself. Entrance fee \$100; annual dues \$25. List of members available.

Meetings: Annual meeting; three to four sectional meetings each year.

Library: 30,000 volumes on medicine and related sciences.

Research funds, medals, etc.: Annual appropriations are made for hospital standardization, literary research, clinical research (Committee on Bone Sarcoma, Committee on Cancer, Committee on Archives of Cancer, Committee on Fractures and other Traumas, Committee on Medical Motion Pictures).

Publications: Bulletin, 5 times yearly, 1-26, 1918-1941. Surgery, Gynecology and Obstetrics, 1-73, 1905-1941, price \$12 domestic; \$14 foreign. Yearbook, free to members.

105. **American College Personnel Association.**

President: E. G. Williamson, University of Minnesota, Minneapolis, Minn. *Secretary:* D. D. Feder, University of Illinois, Urbana, Ill. Term of President, elected for two years, expires March, 1943; of Secretary, elected for two years, March, 1942.

History: Organized 1924 as the National Association of Appointment Secretaries; name changed in 1931 to present title.

Object: To further research in college and industrial personnel work, and the application of scientific knowledge to the problems involved.

Membership: Annual dues \$4. Total membership 350. List of members available for \$1.

Meetings: Annual, at various places.

Publications: Annual Report, price \$1.25 to individuals, \$1 to libraries.

106. **American Committee on Maternal Welfare,**

Inc. 650 Rush Street, Chicago, Ill. *President:* Fred L. Adair, 5848 Drexel Avenue, Chicago, Ill. *Secretary:* J. P. Pratt, Henry Ford Hospital, Detroit, Mich. Officers elected for three years; terms expire June, 1942.

History: Incorporated April 16, 1934.

Object: To promote cooperation between the medical profession and lay organizations in

the protection of the health of mothers and their offspring.

Membership: The membership includes the members of national organizations interested in maternal welfare; annual dues \$5, which includes the dues for the American Congress of Obstetrics and Gynecology.

Meetings: The Committee sponsors the American Congress of Obstetrics and Gynecology, the next meeting of which will be held in St. Louis, Mo., in May, 1942.

Publications: *Mother*, quarterly, free. Proceedings of the American Congress of Obstetrics and Gynecology, price \$5.

107. American Concrete Institute. 7400 Second Boulevard, Detroit, Mich. **President:** Raymond E. Davis, University of California, Berkeley, Calif. **Secretary:** Harvey Whipple. Term of President expires February, 1943.

History: Organized January 17, 1905. Chartered December 14, 1906, under Incorporation Laws of the District of Columbia, as the National Association of Cement Users. The charter was amended July 2, 1913, to provide for the change of name to the present title.

Object: The dissemination of information upon cement, and the promotion of the best methods to be employed in its various uses.

Membership: Regular active members who are individuals, annual dues \$10; Contributing members, \$50; Firms, corporations, societies, etc., \$20. Total membership July 1, 1941, 1,706. List of members published in the annual directory of the Society.

Meetings: Annual, at place determined.

Research funds, medals, etc.: **WASON MEDAL**, founded by Leonard C. Wason, Boston, Mass., awarded each year to the author of the most meritorious paper published in the previous annual volume of the Proceedings. **WASON RESEARCH MEDAL**, founded by Leonard C. Wason, awarded for notable contributions reporting research in the field of concrete and concrete design. **HENRY C. TURNER GOLD MEDAL**, founded in 1927, by Henry C. Turner, of New York City, awarded occasionally for notable achievement in or service to the concrete industry.

Publications: Proceedings of the National Association of Cement Users, 1905-1913; continued in *Journal of the American Concrete Institute*, 1914-1915; continued in Proceedings of the American Concrete Institute, 12-, 1916-, price \$8 per vol. to 1929, \$10 per vol. for 1930-1941, with annual bound volume \$5 to members. *News Letter*, occasional, to October, 1929. *Journal of the American Concrete Institute*, inaugurated November, 1929, published monthly except July and August, embodying the former Proceedings and *News*

Letter and Current Reviews. The *Journal* is sent free to members. In 1941, the *Journal* went on a reduced publication schedule of six issues each volume year.

108. American Congress of Physical Therapy. 30 North Michigan Avenue, Chicago, Ill. **President:** A. R. Hollender, 311 Lincoln Road, Miami Beach, Fla. **Secretary:** Richard Kovacs, 2 East 88th Street, New York, N. Y. Terms of President and Secretary expire September, 1942. **Executive Secretary:** Marion G. Smith.

History: Organized 1922 as the American College of Physical Therapy; name changed to present title in 1929.

Object: To promote scientific study of physical methods of treating disease.

Membership: Membership is open to any member of the American Medical Association. Entrance fee \$10, annual dues \$10. Membership list available under certain conditions.

Meetings: Annual, at place selected each year.

Publications: *Archives of Physical Therapy*, monthly, free to members and on exchange.

109. American Congress of Radiology. Medical and Dental Arts Building, 2561 North Clark Street, Chicago, Ill. **President:** Benjamin H. Orndoff. **Secretary:** Edward L. Jenkinson.

History: Organized July 29, 1932.

Object: To promote better inter-American relationships among radiologists by holding congresses, etc.

110. American Coordinating Committee on Corrosion. 4400 Fifth Avenue, Pittsburgh, Pa. **President:** F. N. Speller, 6511 Darlington Road, Pittsburgh, Pa. **Secretary:** George H. Young. Officers elected for one year; terms expire August, 1942.

History: Organized July, 1939, under the auspices of the American Society for Testing Materials as the Advisory Committee on Corrosion. In July, 1940, it separated from the American Society for Testing Materials, and became the American Coordinating Committee on Corrosion. **Reference:** *ASTM Bulletin*, October, 1940.

Object: To coordinate research activities in the field of corrosion prevention.

Membership: Formal membership is limited to one representative from each of the twenty-two national technical societies. There are Official Delegates and Associates; the annual dues are \$2. Total membership, 22 Delegates, 386 Associates.

Meetings: Annual, at various places.

111. **American Council, Institute of Pacific Relations, Inc.** 129 East 52nd Street, New York, N.Y.; 260 California Street, San Francisco, Calif. *Chairman:* Ray Lyman Wilbur. *Secretary:* (acting) Edward C. Carter, 129 East 52nd Street, New York, N. Y. Term of President, elected for one year, expires January, 1942.

History: Founded 1925 as a part of the Institute of Pacific Relations, an international organization with national councils in Australia, Canada, China, France, Great Britain, Japan, Netherlands-Netherlands Indies, New Zealand, the Philippines, U.S.S.R., and the United States of America. The American Council was incorporated in 1938. *Sections:* Hawaii Group, San Francisco Bay Region Division, and Southern California Division. There are informal groups in other regions.

Object: To promote the study of the problems of the peoples and nations of the Pacific area.

Membership: Contributing members, \$10-\$99; Supporting, \$100-\$999; Sustaining, \$1,000. Election is by the Board of Trustees. Total membership 1,100.

Meetings: Informal meetings are held frequently by the national and regional offices; the Institute of Pacific Relations holds an international conference triennially.

Library: There is a library maintained in New York City of 5,000 volumes, 150 current periodicals; in Honolulu, of 5,000 volumes, 20,000 unbound pamphlets; in San Francisco, of 2,500 volumes, 100 current periodicals. The field covered by these libraries is the Pacific area, and the economic, political, and sociological problems of the countries in it; there are also certain general materials on international relations.

Research funds, medals, etc.: Research funds are appropriated from the general budget.

Publications: Far Eastern Survey, fortnightly, price \$2.50. Pacific Affairs, quarterly, price \$2. Both periodicals are free to members. Studies of the Pacific, irregular, six published to date, two announced for 1941.

112. **American Council of Commercial Laboratories.** *President:* A. R. Ellis, Pittsburgh Testing Laboratory, Pittsburgh, Pa. *Secretary:* D. E. Douty, 1415 Park Avenue, Hoboken, N. J. Officers elected for one year; terms expire 1943.

History: Organized 1935.

Object: To promote the interests and mutual assistance of commercial laboratories.

Membership: The membership of the Council consists of commercial laboratories; annual dues are on a graduated scale. Total membership 22.

Meetings: Irregular, upon call of the Executive Committee.

113. **American Council of Learned Societies.** 1219 Sixteenth Street, N. W., Washington, D. C. *Chairman:* Fred N. Robinson, Harvard University, Cambridge, Mass. *Secretary-Treasurer:* S. Whittemore Boggs, State Department, Washington, D. C. *Director:* Waldo G. Leland. Terms of Chairman and Secretary-Treasurer, elected for one year, expire January, 1943.

History: Organized 1919; incorporated 1924 as the American Council of Learned Societies Devoted to Humanistic Studies.

Object: To advance the interests of the humanistic sciences in America, and through its membership in the International Union of Academies to serve as an agency for the conduct of continued relations between its constituent societies and other American organizations of scholars, on the one hand, and academies and analogous bodies in foreign countries, on the other.

Membership: Open only to national learned societies devoted to the advancement, by scientific methods, of the humanistic studies. Membership composed of two delegates from each of twenty-one national learned organizations devoted to humanistic and social studies. Annual contributions from the constituent societies vary from \$25 to \$75 according to the number of members in the societies.

Meetings: Annual, in January or February in Washington, D. C., New York City, Boston, or Philadelphia.

Library: 2,000 volumes in the field of the humanities.

Research funds, medals, etc.: Funds vary annually; the total annual amount is usually between \$300,000 and \$500,000. The Council plans, initiates, and administers enterprises of research, survey, and development within the field of the humanities. It aids the individual scholar by fellowships, grants-in-aid of research, and grants-in-aid of publication. It maintains numerous standing committees for the stimulation of underworked fields of study, for the execution of major projects of research and implementation, and for the development of research and teaching personnel. Its executive offices act as a national center of information respecting not only its own activities, but those of other institutions and organizations primarily concerned with the humanities.

Publications: Bulletin, 3 or 4 a year, 1-32, 1919-1941, price 25 cents per number or \$1 for 5 numbers, free to members.

114. **American Council on Education.** 744 Jackson Place, N. W., Washington, D. C. *Presi-*

dent: George F. Zook. *Vice President:* Clarence S. Marsh.

History: In January, 1918, a number of prominent educators representing national educational associations met in Washington, D. C., to discuss the possible contribution of schools and colleges to national defense. They organized in March, 1918, the Emergency Council on Education. The members of the Emergency Council on Education soon realized that there would be as much need for cooperative educational endeavor in time of peace as in time of war. Consequently, early in July, 1918, the name of the organization was changed to the American Council on Education. In December, 1918, the membership of the Council was opened to accredited colleges, universities, and technological schools, and to associate members representing organizations with interests related to the work of the Council. In October, 1935, the institutional membership was opened to the forty-eight state departments of education and to city school systems serving a city population of at least 100,000 and selected small school systems. *Reference:* American Council on Education: History and Activities, issued annually.

Object: The general object of the Council, and the basis of membership therein is to advance American education in any or all of its phases through comprehensive voluntary co-operative action on the part of educational associations, organizations, and institutions and in the fulfillment of that purpose to initiate, promote, and carry out such systematic studies, co-operative experiments, conferences, and other similar enterprises as may be required for the public welfare and approved by the Council. The Council was organized to meet national needs in time of war and will always seek to render patriotic service. It will also encourage international cooperation in educational matters. The Council has established and supervises a number of large scale research studies and service units including the American Youth Commission, the Commission on Teacher Education, and the Cooperative Test Service.

Membership: Institutional, 445, annual dues \$50; Constituent, 43, \$100; Associate, 46, \$10.

Meetings: The first Friday and Saturday of May each year, in Washington, D. C.

Library: 500 volumes of educational literature.

Publications: Educational Record, quarterly, 1-22, 1920-1941, price \$2.

115. American Cranberry Growers' Association.

President: Lester Collins, Moorestown, N. J. *Secretary:* Charles S. Beckwith, Pemberton, N. J. Term of President, elected for one year, expires January, 1942.

History: Organized 1869. Name was changed during the 1880's from the New Jersey Growers' Association.

Object: To promote the knowledge of cranberry growing.

Membership: Annual dues \$2. Total membership 125.

Meetings: Semiannual.

Publications: Proceedings, semiannual, 1869-1941, free to members.

116. American Dahlia Society, Inc. 251 Court Street, West Haven, Conn. *President:* Edward B. Lloyd, Verona, N. J. *Secretary:* C. Louis Alling. Officers elected for one year; terms expire January, 1943.

History: Organized 1915.

Object: To create interest in the improvement of the dahlia.

Membership: Annual members, annual dues \$2; Life, \$25. Total membership 2,150.

Meetings: Annual, in New York City.

Research funds, medals, etc.: The Society maintains trial gardens for new varieties of dahlias at Storrs, Conn., East Lansing, Mich., Cincinnati, Ohio, and Fairmont, W. Va.

Publications: Bulletin of the American Dahlia Society, quarterly, free to members.

117. American Dairy Science Association. *President:* H. F. Judkins, 230 Park Avenue, New York, N. Y. *Secretary-Treasurer:* R. B. Stoltz, Ohio State University, Columbus, Ohio. Terms expire October, 1942.

History: Organized 1906 as the Official Dairy Instructors; reorganized 1916. *Sections:* Production, Manufacturing, and Extension. *Divisions:* Eastern, Southern, and Western.

Object: To advance the general welfare of the dairy industry by instruction in dairy science, the stimulation of scientific research, and improvement in the methods of conducting extension work.

Membership: Members, entrance fee \$5, annual dues \$5. Total membership 1,339.

Meetings: Annual, at various places.

Publications: Journal of Dairy Science, monthly, 1-24, 1917-1941, price \$6 domestic, \$6.50 foreign, free to members.

118. American Delphinium Society. *President:* S. E. Taylor, 241 Lexington Avenue, Mansfield, Ohio. *Secretary:* J. J. Brugman, 1155 South Harvey Street, Oak Park, Ill. Officers elected for two years; terms expire July 1, 1942.

Object: To further an interest in flowers.

Membership: Entrance fee \$2, annual dues \$2. Total membership 800. List of members available for \$3.

Meetings: Annual.

Publications: Yearbook, price included in dues.

119. American Dental Association. 212 East Superior Street, Chicago, Ill. *President:* Oren A. Oliver, Medical Arts Building, Nashville, Tenn. *President-elect:* J. Ben Robinson, Baltimore, Md. *Secretary:* Harry B. Pinney. Term of President, elected for one year, expires August, 1942; of Secretary, 1944.

History: Organized 1859 as the American Dental Association; name changed to National Dental Association in 1898; changed to present title in 1922. *Sections:* No. 1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont. No. 2: New York. No. 3: Pennsylvania. No. 4: Delaware, District of Columbia, Maryland, New Jersey, Navy. No. 5: Alabama, Florida, Georgia, North Carolina, South Carolina, Virginia, Mississippi. No. 6: Kentucky, Missouri, Tennessee, West Virginia. No. 7: Indiana, Ohio. No. 8: Illinois. No. 9: Michigan, Wisconsin. No. 10: Iowa, Minnesota. No. 11: Idaho, Montana, Nebraska, North Dakota, Oregon, South Dakota, Washington, Wyoming. No. 12: Arkansas, Colorado, Kansas, Louisiana, Oklahoma, Texas, New Mexico. No. 13: Arizona, California State, California Southern, Nevada, Utah, Hawaii.

Object: To cultivate and promote the art and science of dentistry, and of its collateral branches; to conduct, direct, encourage, support, or provide for exhaustive dental and oral research; to elevate and sustain the professional character and education of dentists; to promote among them mutual improvement, social intercourse, and good will; to disseminate knowledge of dentistry and dental discoveries; to enlighten and direct public opinion in relation to oral hygiene, dental prophylaxis, and advanced scientific dental service, and in relation to the advantages and progress of enacting and enforcing proper, just, and uniform dental laws in the several states.

Membership: Regular, Junior, and Affiliate members. The entrance regulations are determined by each state society. Annual dues \$6. Total membership 50,302.

Meetings: Annual, at various places.

Library: Approximately 5,100 volumes covering aspects of dental practice.

Research funds, medals, etc.: The Association has for many years through its Research Commission promoted the study of mouth ailments, and more than \$400,000 has been allotted for this research work.

Publications: Journal, monthly, 1-28, 1913-1941, price \$5, free to members.

120. American Dermatological Association, Inc.

President: Joseph V. Klauder, 1934 Spruce Street, Philadelphia, Pa. *Secretary:* Harry R. Foerster, 208 East Wisconsin Avenue, Milwaukee, Wis. Term of President, elected for one year, expires 1942; of Secretary, elected for five years, 1945.

History: Organized September 6, 1876, in Philadelphia; incorporated July 25, 1930, in New York.

Object: The promotion of the study of dermatology and syphilology in all of their relations.

Membership: Active, not to exceed 125 in number, residents of the Western Hemisphere, graduates in medicine of at least seven years' standing, with five years' dermatological practice in America; those of United States' citizenship shall have received a certificate from the American Board of Dermatology and Syphilology. Inactive, members of twenty years' or more who have been transferred from the active list, but have all the privileges of active members. Honorary. Corresponding. Annual dues \$20. Membership list printed annually.

Meetings: Annual, at various places.

Research funds, medals, etc.: FUND OF THE RESEARCH AID COMMITTEE, capital \$1,000, income available for prizes, reports, gifts, loans, and monographs.

Publications: The Transactions are published in the Archives of Dermatology and Syphilology.

121. American Diabetic Association. *Presi-*

dent: H. O. Mosenthal, 889 Lexington Avenue, New York, N. Y. *Secretary:* Cecil Striker, 1019 Provident Bank Building, Cincinnati, Ohio. Officers elected for one year; terms expire June, 1942.

History: The first annual session of the Association was held in Cleveland, Ohio, June 1, 1941.

Object: To disseminate among physicians information relative to the diagnosis and treatment of diabetes, to educate the laity in its early recognition, and to encourage and support studies by means of grants.

Membership: Active, Associate, Honorary, and Corporate members. Annual dues \$2.

Meetings: Annual meeting; special meetings as determined by the Board of Trustees.

122. American Dialect Society. Bascom Hall,

Madison, Wis. *President:* Louise Pound, University of Nebraska, Lincoln, Nebr. *Secretary:* Atcheson Hinch, University of Virginia, Charlottesville, Va. Officers elected for one year; terms expire December, 1941.

History: Organized March 13, 1889, at Cambridge, Mass.

Object: The investigation of the spoken English of the United States and Canada, and the preparation of an American Dialect Dictionary.

Membership: Regular, Life, Library, and Honorary members. Annual dues \$2. Total membership 250.

Meetings: Annual, held jointly with the Modern Language Association of America.

Publications: Dialect Notes, semiannual, July and December, 1-6, 1889-1939, price \$1 an issue, free to members.

123. American Dietetic Association. 185 North Wabash Avenue, Chicago, Ill. *President:* Nelda Ross, Presbyterian Hospital, 622 West 168th Street, New York, N. Y. *Secretary:* Mary W. Northrop, King County Hospital System, Seattle, Wash. Term of President, elected for one year, expires October, 1942; of Secretary, elected for two years, October, 1942.

History: Organized 1917.

Object: To bring about closer cooperation among dietitians, and between dietitians and workers in allied fields; to improve conditions, and to raise the standard of dietary work.

Membership: Life members; Active members, requiring a bachelor's degree from an accredited college or university with a major in foods and nutrition or institution management and satisfactory completion of a course in applied nutrition or institution management approved by the Executive Committee, or at least two years of successful experience in a position of responsibility, annual dues \$5; Associate members, any person who is not eligible for active membership may be admitted to the Association as an associate member on vote of the Membership Committee, with the approval of the Executive Committee, annual dues \$5. Total membership 4,685.

Meetings: Annual, at place chosen by the Executive Committee.

Research funds, medals, etc.: LIFE MEMBERSHIP FUND, to be used eventually to support some research project.

Publications: Journal, monthly, 1-17, 1925-1941, price \$3, free to members.

124. American Documentation Institute. 1719 N Street, N. W., Washington, D. C. *President:* Watson Davis. *Secretary:* Anne Shively. Terms of officers expire January, 1943.

History: Organized 1937 as a non-profit corporation.

Object: The promotion and development of documentation in scholarly and scientific fields.

Membership: The Institute consists of about fifty members, each nominated by one of some

fifty national learned societies and government agencies having the right of nomination. These representatives elect the governing board of trustees, thus vesting control in the principal fields of research served.

Meetings: Annual, in Washington, D. C.

BIBLIOFILM SERVICE

Bibliofilm Service copies material in the large holdings of the Library of the U. S. Department of Agriculture, the U. S. Geological Survey, the National Bureau of Standards and other libraries. The headquarters of Bibliofilm Service is the U. S. Department of Agriculture Library, Washington, D. C.

125. American Drug Manufacturers Association. Albee Building, Washington, D. C. *President:* John G. Searle, 4737 Ravenswood Avenue, Chicago, Ill. *Executive Vice-President and Secretary:* Carson P. Frailey. Term of President, elected for one year, expires May, 1942; Secretary elected annually.

History: Organized 1912 as the National Association of Manufacturers of Medicinal Products; name changed in 1917 to present title. *Sections:* Biological, Crude Drug, Medicinal Chemical, Pharmaceutical, and Scientific.

Object: To maintain high standards in the manufacture and marketing of drugs, to encourage still greater achievements, and in other lawful ways to promote the welfare of those engaged in the manufacture of therapeutic agents for the use of the medical profession.

Membership: Membership open to those significantly engaged in the manufacture of pharmaceuticals, chemicals, biologicals, or allied products for the cure, alleviation, mitigation, or prevention of disease. Annual dues are graduated according to annual business and type of organization. List of members in Proceedings.

Meetings: Annual, at place determined by the Executive Committee.

Publications: Annual Proceedings.

126. American Dry Milk Institute, Inc. 221 North La Salle Street, Chicago, Ill. *Chairman:* C. E. Gray. *Director:* Roud McCann.

History: Organized 1925.

Object: To increase appreciation of the value of the non-fat solids of milk.

Membership: Manufacturers of dry milk. Annual dues based on production volume. Total membership 103.

Meetings: Annual, in Chicago.

Research funds, medals, etc.: Grants are made to educational institutions for research.

127. American Economic Association. Northwestern University, Evanston, Ill. *President:* E. G. Nourse, Brookings Institution, 722 Jackson Place, N. W., Washington, D. C. *Secretary:* James Washington Bell. Term of President, elected for one year, expires December, 1942.

History: Organized September 9, 1885, at Saratoga, N. Y., by a small group of specialists; incorporated February 3, 1923. *References:* Report of Organization of the American Economic Association, Publications, First Series, vol. I, no. 1, 1886; Twenty-fifth Anniversary, Third Series, vol. 11, no. 1, 1910; Fiftieth Anniversary, Fourth Series, vol. 26, 1936.

Object: The encouragement of economic research, especially the historical and statistical study of the actual conditions of industrial life.

Membership: Annual members, annual dues \$5; Family, \$1; Junior, \$3; Subscribing, \$10; Contributing, \$25 or more; Life, \$200 in a single payment. Total membership 3,366. Membership list available for \$2.

Meetings: Annual, at different places.

Publications: American Economic Review, quarterly, 1-31, 1911-1941, price \$5, included in dues of members. Proceedings, issued as supplement to the March number of the Review.

128. American Educational Research Association. 1201 Sixteenth Street, N. W., Washington, D. C. *President:* T. R. McConnell, University of Minnesota, Minneapolis, Minn. *Secretary:* Helen M. Walker, Teachers College, Columbia University, New York, N. Y. Term of President, elected for one year, expires February, 1942; of Secretary, elected for three years, 1943.

History: Organized 1915 as the National Association of Directors of Educational Research; in 1930-31 it became a department of the National Education Association, and the name was changed to the present title.

Object: The promotion of educational research.

Membership: Active members, annual dues \$5; Honorary. Total membership, approximately 550. List of members issued in the December number of the Review of Educational Research, price \$1.

Meetings: Annual meeting is held at the time and place of the meeting of the American Association of School Administrators; the annual summer meeting at the time and place of the meeting of the National Education Association.

Research funds, medals, etc.: The Committee on Awards, created by the Association at its annual meeting of February 20, 1937, selects the outstanding researches of the year for citations.

Publications: Review of Educational Research, 5 issues a year, 1-11, 1931-1941, price \$4, free to members.

129. American Entomological Society. Academy of Natural Science of Philadelphia, Philadelphia, Pa. *President:* Emlen P. Darlington. *Corresponding Secretary:* Ezra T. Cresson, Jr.

History: Organized February 22, 1859, at Philadelphia, under the name of the Entomological Society of Philadelphia; incorporated April 11, 1862; name changed in 1867 to the present title.

Object: The improvement and advancement of entomology by original research, and by the publication of discoveries.

Membership: Resident members, annual dues \$3; Corresponding members; Honorary members.

Meetings: Monthly, except June, July, and August, at the Academy.

Library: About 6,000 volumes on entomology.

Publications: Proceedings, 1-6, 1861-1867; superseded by Transactions, quarterly, 1-1867, price \$5. Practical Entomologist, 1-2, 1865-September, 1867. Entomological News, monthly, 1-1890, price \$3. Volumes 1-5 of the News were published as the Entomological News and Proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia. Memoirs, irregular, 1-1916.

130. American Epidemiological Society. *President:* Lowell J. Reed, Johns Hopkins School of Hygiene and Public Health, 615 North Wolfe Street, Baltimore, Md. *Secretary:* Ernest L. Stebbins, 600 West 168th Street, New York, N. Y. Officers elected for one year; terms expire April, 1942.

History: An informal organization, beginning in 1927; originally made up of twenty-five epidemiologists from all parts of the United States; informal constitution adopted by the Society, April 30, 1928.

Object: To promote the study and discussion of epidemiological problems.

Membership: Limited to fifty members who are active and interested in the study of epidemiology. Annual dues based on the pro rata cost of meetings.

Meetings: One or two meetings a year, at various cities in the Eastern United States.

131. American Ethnological Society. *President:* Wm. Duncan Strong, Columbia University, New York, N. Y. *Secretary:* Cora Du Bois, 180 East End Avenue, New York, N. Y.

History: Founded November 10, 1842; reorganized in 1870 as the Anthropological Institute of New York; revived in 1897 as the Anthropological Club; merged and reorganized with the American Ethnological Society in 1900.

References: Journal of the Anthropological Institute of New York, 1, no. 1: 14-20; American Anthropologist, n. s., 2: 785 ff; 19: 107 ff.

Object: To inquire into the origin, progress, and characteristics of the various races of man.

Membership: Members, annual dues \$9; Fellows, \$6; Life, payment of \$100. Total membership 238. List of members in the American Anthropologist.

Meetings: Four meetings annually at the American Museum of Natural History. The January meeting is the annual meeting.

Publications: Publications, irregular, 1-17, 1907-1941, free to members. Monographs, irregular, 1-3, 1940-1941, free to members. Members of the Society receive the American Anthropologist, the organ of the American Anthropological Association with which the Society is affiliated.

132. American Eugenics Society, Inc. RKO Building, New York, N. Y. **President:** Maurice A. Bigelow, Teachers College, New York, N. Y. **Secretary:** Rudolf C. Bertheau. Officers elected for one year; terms expire Spring, 1942.

History: Incorporated 1926. The Society is successor to the Eugenics Committee of the U. S. A., and the Eugenics Society of the U. S. A. **Section:** California Branch, Los Angeles Museum, Los Angeles, Calif.

Object: To maintain an educational membership society consisting of and directed by scientists, professionals, and laymen who are interested in public welfare generally, and specifically in interpreting the development of a sound democratic program for improving the quality of the American people.

Membership: Supporting members, \$50 to \$100; Contributing, \$10 to \$50; Subscribing, \$5; Professional, open to those who are in active work in fields relating to eugenics, \$3. Total membership, individual and organizational, 1,200.

Meetings: Annual, in New York City; meetings of the Directors and Executive Committee, semiannual and monthly, respectively.

Library: 2,500 volumes on eugenics, genetics, population, and social sciences.

Publications: Eugenical News, quarterly, 1-26, 1916-1941. A subscription to the Eugenics Review, published by the Eugenics Society of London, is included in the membership dues.

133. American Federation for Clinical Research.

President: M. A. Schnitker, 2360 Monroe Street, Toledo, Ohio. **Secretary:** T. M.

Durant, 3401 North Broad Street, Philadelphia, Pa. Term of President, elected for one year, expires May, 1942; of Secretary, elected for three years, May, 1944.

History: Organized May 7, 1941.

Object: To promote research by the younger members of the medical profession who show promise of research ability.

Membership: Membership open to those who have done one worthwhile piece of research work. Annual dues, domestic and foreign, \$1.

Meetings: Annual, at various places.

134. American Fern Society, Inc. President: Robert T. Clausen, Cornell University, Ithaca, N. Y. **Secretary:** Elsie G. Whitney, 342 New Scotland Avenue, Albany, N. Y. Officers elected for one year; terms expire December 31, 1942.

History: Organized 1893 as the Linnaean Fern Chapter of the Agassiz Association; name changed to present title in 1905; incorporated in 1936.

Object: The general study of ferns and their allies.

Membership: Regular, Honorary, and Life members. Annual dues, \$1.50. Total membership 365.

Meetings: Annual, with the American Association for the Advancement of Science.

Publications: American Fern Journal, quarterly, 1-30, 1910-1941, price \$1.25, free to members.

135. American Film Center. 45 Rockefeller Plaza, New York, N. Y. **President:** Luther Gulick, 261 Broadway, New York, N. Y. **Secretary:** Donald Slesinger.

History: Organized August, 1938. **Sections:** Production, Program and Exhibition, and Research.

Object: To promote the production and use of educational films.

Membership: Non-membership organization.

Meetings: Board meetings only.

Research funds, medals, etc.: The Center conducts studies of the content and audience reaction for both feature films and newsreels, supported by research funds from the Rockefeller Foundation and the Carnegie Corporation.

Publications: Film News, 10 issues annually, price \$1.

136. American Fisheries Society. Investment Building, Washington, D. C. **President:** John Van Oosten, University Museums, Ann Arbor, Mich. **Secretary:** R. P. Hunter, Connecticut State Board of Fisheries and Game, State Office Building, Hartford, Conn. Officers elected for one year; terms expire 1942.

History: Organized in 1870; incorporated in 1910. **Sections:** Fish Culture, Aquatic Biology and Physics, Commercial Fishing, Protection and Legislation, Angling.

Object: To promote the science of fish culture, to gather and diffuse information, and to unite and encourage those interested in fish culture and fisheries problems.

Membership: Active members, annual dues \$3; Club members, any sporting or fishing club or society or any firm or corporation, \$5; Libraries, \$2; State members, any state, provincial, or federal department of the United States, Canada, or Mexico, \$20; Life members, \$50 and exempt from annual dues; Patrons, \$50 or more and exempt from annual dues; Honorary and Corresponding members. List of members in Transactions.

Research funds, medals, etc.: Permanent fund of \$6,000, the income of which is used occasionally for prizes for research papers.

Publications: Transactions, annual, 1-70, 1870-1940. 1870-1875 as Proceedings of American Fish Culturists Association; 1876-1877 as Transactions of American Fish Cultural Association; 1878- as Transactions of American Fisheries Society. Price \$3 a copy, \$2 to libraries, free to members.

137. **American Folk-Lore Society, Inc.** Box 14, Bennett Hall, University of Pennsylvania, Philadelphia, Pa. **President:** Harold W. Thompson, Cornell University, Ithaca, N. Y. **Secretary:** D. S. Davidson. Officers elected for one year; terms expire January 1, 1943.

History: Organized 1888 at Cambridge Mass.; incorporated 1893. **Sections:** Canadian Branch, Ottawa; Indiana Branch, Bloomington.

Object: The study of folk-lore in general and the publication of collections and discussions of problems.

Membership: Annual members, annual dues \$4, includes subscription to Journal; Memoir members, \$6.50, includes subscription to Journal and Memoirs; Honorary; Life. Total membership 364. Membership list available.

Meetings: Annual, usually with the American Anthropological Association.

Publications: Journal of American Folk-Lore, quarterly, 1-54, 1888-1941, price \$4. Memoirs of the American Folk-Lore Society, irregular, 1-36, 1894-1941, price varies.

138. **American Forestry Association.** 919 Seventeenth Street, N. W., Washington, D. C. **President:** W. S. Rosecrans. **Executive Secretary:** Ovid Butler. Term of President, elected for one year, expires December, 1942; Secretary permanent.

History: Organized April, 1882, in Cincinnati as the American Forestry Congress; joined at the Montreal meeting August, 1882,

by an earlier American Forestry Association which was organized in 1875 at Chicago; present name since 1889; incorporated January, 1897; reincorporated January, 1920, in the District of Columbia.

Object: The Association is a citizen's organization for the advancement of intelligent management and use of the country's forests and related resources of soil, water, wildlife, and outdoor recreation.

Membership: Open to persons interested in the conservation and perpetuation of American forests and forest life. Subscribing members, annual dues \$4, including magazine; Contributing, \$10; Sustaining, \$25; Life, \$100 and exemption from dues; Patrons, \$1,000 and exemption from dues; Annual, \$1, without the magazine; Foreign, \$4.50, with magazine. Total membership 14,000.

Meetings: Annual.

Library: About 2,500 volumes on forestry, wildlife, fisheries, and allied conservation subjects.

Publications: Proceedings, 1-12, 1882-1897; vols. 1-9 as Proceedings of the American Forestry Congress; continued in Forester, 4-7, 1898-1901; vol. 1, no. 1-3 as New Jersey Forester; continued as Forestry and Irrigation, 8-14, no. 8, 1902-1908; continued as Conservation, 14, nos. 9-15, 1908-1909; continued as American Forestry, 16-29, 1910-1923; continued as American Forests and Forest Life, 30-36, 1924-1930; continued as American Forests, monthly, 37-42, 1931-1941, price \$4. Conservation, bimonthly, 1935-, price \$1 per year.

139. **American Foundation for Homoeopathy, Inc.** 1726 Eye Street, N. W., Washington, D. C. **President:** Ray W. Spalding, 11 Marlborough Street, Boston, Mass. **Secretary:** Julia M. Green. Term of President, elected for three years, expires December, 1943; of Secretary, elected for one year, December, 1942.

History: Organized June, 1921; incorporated in the District of Columbia in 1924.

Object: To further instruction, publication, research, and publicity in homoeopathy.

Membership: Life members, payment of \$1,000; Sustaining, annual dues \$100; Contributing, \$10; Associate, less than \$10.

Meetings: Annual, the first Saturday of December, at headquarters.

Library: 1,500 volumes on homoeopathy.

Publications: Bulletin, weekly, 1933-1941, price \$1.

140. **American Foundation for Mental Hygiene, Inc.** 1790 Broadway, New York, N. Y. **President:** Clarence M. Hincks, 111 St. George Street, Toronto, Ontario, Canada. **General Secretary:** Clifford W. Beers. Of-

ficers elected for one year; terms expire December, 1942.

History: Organized 1928.

Object: To secure and administer gifts and bequests for use in protecting and promoting mental health, and in improving the care of the mentally ill.

Membership: The Foundation is administered by a Board of Trustees of 16 members, and an Advisory Council of 14 members.

Meetings: Annual, in New York City.

141. **American Foundation for the Blind, Inc.** 15 West 16th Street, New York, N. Y. *President:* M. C. Migel, 654 Madison Avenue, New York, N. Y. *Secretary:* Gabriel Farrell, Perkins Institution and Massachusetts School for the Blind, Watertown, Mass. Officers elected for one year.

History: Incorporated 1921.

Object: To disseminate information, to promote the establishment of new organizations for the blind where needed, to foster cooperation among agencies, to improve educational methods, to develop improved appliances for the blind, to discover employment opportunities for the blind, to cooperate with state and federal governments in the establishment of services for the blind, and to carry on the manufacture of Talking Books for the blind in cooperation with the Library of Congress.

Library: Covers blindness in its sociological, psychological, medical, educational, occupational, and biographical aspects.

Research funds, medals, etc.: A laboratory is maintained for the development of methods of publishing books for the blind on sound reproduction records and the development of other appliances for the blind. The Foundation awards a medal annually for outstanding service for the blind.

Publications: Outlook for the Blind, 5 times a year in Braille and ink print, price \$2. The Teachers Forum for Instructors of Blind Children, 5 times a year in Braille and ink print, price \$1. Talking Book Topics, quarterly, recorded edition, \$1; ink print edition, free.

142. **American Foundation for Tropical Medicine, Inc.** *President:* Robert G. Sproul, University of California, Berkeley, Calif. *Secretary:* William Loeb, Oyster Bay, Long Island, N. Y. Officers elected for one year; terms expire January, 1943. *Executive Director:* Thomas T. Mackie, 16 East 90th Street, New York, N. Y.

History: Organized 1934.

Object: To support a graduate school of tropical medicine in the United States and to establish paid scholarships in tropical medicine

for young physicians in the other American Republics.

Membership: Limited to officers, directors, and contributors.

Meetings: Annual, in New York City.

143. **American Foundrymen's Association, Inc.** 222 West Adams Street, Chicago, Ill. *President:* H. S. Simpson, National Engineering Company, 549 Washington Boulevard, Chicago, Ill. *Secretary:* R. E. Kennedy. Officers elected for one year; terms expire April, 1942.

History: Organized May 12, 1896, at Philadelphia; incorporated July 3, 1916, under the laws of Illinois. *Sections:* Twenty-one chapters organized geographically in various foundry centers in the United States.

Object: To improve the production and promote the application of all cast metals and alloys.

Membership: Personal members, annual dues \$15; Company, \$25; Company Affiliates, those who are employees of Company members, \$8; Foreign \$15; Apprentice and Student, \$4; Sustaining, \$50 minimum; Honorary. Total membership 4,200.

Meetings: Annual, at place selected.

Research funds, medals, etc.: SAND RESEARCH FUND, an amount voted annually by the Board of Directors, based on estimate of committee needs, to pay for the sand testing work of committee on molding sand research and committee expenses. PHILADELPHIA RESEARCH FUND. Capital \$1,902, donated by the Philadelphia Foundry Committee for some special research project. CUPOLA RESEARCH FUND, five-year project maintained by special funds contributed by various firms of the industry. Present funds amount to \$3,500 annually. Other research projects are carried on by the technical committees of the Association with the research work being contributed by members of the Association in their plants and laboratories. MEDAL AWARD FUNDS, four. Capital of each \$5,000, donated by W. H. McFadden, J. S. Seaman, J. H. Whiting, and J. A. Penton, interest on each fund to be used for gold medals to be granted to men who have rendered distinguished service to the foundry industry. Special laboratory of sand research at Cornell University supported by the Association.

Publications: Transactions, issued quarterly, bound annually; quarterly issues free to all members and bound volumes free to Company members and sold to other members at \$3 per volume. American Foundryman, 1- , July, 1938- , free to members.

144. **American Fuchsia Society.** Academy of Sciences, Golden Gate Park, San Fran-

cisco, Calif. *President:* Leslie J. Nichols, 532 Emerson Street, Palo Alto, Calif. *Secretary:* Mrs. Henry Davidson, 1382 Twenty-sixth Avenue, San Francisco, Calif.

History: Organized 1929.

Object: The development of the fuchsia.

Membership: Members, annual dues \$1. Total membership 600.

Meetings: Monthly, at various places.

Publications: American Fuchsia Society Bulletin, monthly, 1938-1941.

145. **American Gas Association.** 420 Lexington Avenue, New York, N. Y. *Managing Director:* Alexander Forward.

History: Formed June 6, 1918, by the union of the American Gas Institute, founded 1906, and the National Commercial Gas Association, founded 1905; incorporated in 1919, and merged in 1927 with the Natural Gas Association of America, which was founded in 1906.

Object: To promote and develop the gas industry; to increase its effectiveness; to advance to the greatest efficiency the methods of manufacture, distribution, utilization, sales, and accounting employed in the industry; to conserve and encourage investment in the industry; to promote closer relations and cordial cooperation in its branches; to advance knowledge and learning in the sciences, and to stimulate research, especially as it applies to the gas industry; to cooperate with other organizations in efforts toward economic advancement, accident prevention, conservation, standardization, and other activities; to provide methods of education for employees in the gas industry, and to increase individual efficiency.

Membership: Gas, Holding or Operating, Foreign, and Associate Companies, and Manufacturers and Individuals. List of members available.

Meetings: Annual, at place determined by the Convention.

Library: 1,000 volumes, at headquarters.

Research funds, medals, etc.: A laboratory for testing and approval of gas-burning appliances and research is maintained at Cleveland, Ohio, with a branch at Los Angeles, Calif. MERITORIOUS SERVICE MEDAL, awarded for the most meritorious act performed during the year. McCARTER MEDAL, for the saving of life by the Schaefer Prone Pressure method of resuscitation. CHARLES A. MUNROE AWARD, for the outstanding contribution by an individual towards the advancement of the gas industry. BEAL MEDAL, for the best technical paper presented at the annual convention.

The Association conducts extensive research under the supervision of special committees in production, transmission, distribution, utilization, and marketing of manufactured and natural

gas. Research projects are supported by appropriations authorized by the Executive Board on recommendation of the committees. There are also a number of committees actively at work in compiling facts and figures of a research nature in the various branches of the gas business. A total of seventy gas research projects are sponsored by the Association, either active at the present time or on which reports have been published.

Publications: American Gas Association Monthly, 1- , 1919- , free to members. Proceedings, 1- , 1919- .

146. **American Gastro-Enterological Association, Inc.** *President:* Russell S. Boles, Rittenhouse-Plaza, Philadelphia, Pa. *Secretary:* J. Arnold Barger, Rochester, Minn. Officers elected for one year; terms expire May, 1942.

History: Organized in Philadelphia in 1897.

Object: The study of the normal and abnormal conditions of the digestive organs, and of the problems connected with metabolism.

Membership: The membership is restricted to American and Canadian investigators and practitioners of medicine or surgery, of high moral standing, who have published meritorious work on subjects pertaining to the digestive system or on problems connected with metabolism. Active members, limited to 100, annual dues \$20; Associate, limited to 25, annual dues \$15; Honorary, unlimited; Senior, unlimited; Research, limited to 25. Entrance fee \$15. Dues include subscription to the official journal. List of members available.

Meetings: Annual, at Atlantic City.

Research funds, medals, etc.: Awards are given for the best papers presented at the Annual Meeting by Associate Members. FRIEDENSWALD MEDAL.

Publications: Transactions of the American Gastro-Enterological Association, annual, 1- , 1897- . American Journal of Digestive Diseases and Nutrition, monthly, 1- , 1935- , price \$6, free to Active and Associate members.

147. **American Genetic Association.** 308 Victor Building, Washington, D. C. *President:* David Fairchild, Coconut Grove, Fla. *Secretary:* C. E. Leighty. Term of President expires January, 1943.

History: Organized December 29, 1903, at St. Louis, Mo., under the auspices of the Association of American Agricultural Colleges and Experiment Stations as the American Breeders Association; reorganized and incorporated in 1913 under the present title.

Object: To encourage the study of the laws of heredity, and to promote their application in the improvement of plants, animals, and human racial stocks.

Membership: Members, annual dues \$3; Honorary members; Patrons, persons who have contributed \$1,000 or more to the objects of the Association. Total membership, 3,523.

Meetings: Annual.

Library: About 200 volumes on genetics, evolution, and related subjects.

Research funds, medals, etc.: MEYER MEDAL, for distinguished service in plant introduction.

Publications: Annual Report, 1-8, 1903-1911; 1-2 as Proceedings, and 3-6 as Report of the American Breeders Association; since 1912 the Report has been continued in the Journal of Heredity. American Breeders Magazine, 1-4, 1910-1913; name changed to Journal of Heredity, monthly, 5- , 1913- , price \$3.50, free to members, and on exchange with a limited number of genetic and biological publications.

148. American Geographical Society. Broadway at 156th Street, New York, N. Y. **President:** Roland L. Redmond. **Director:** John K. Wright.

History: Organized 1851; incorporated 1854 as the American Geographical and Statistical Society; name changed in 1871 to present title.

Departments: Research Publications, Hispanic American Research, Mathematical Geography, and Exploration and Field Research. **Reference:** The American Geographical Society of New York, published 1940 by the Society.

Object: To collect and disseminate geographical information, to establish in the chief city of the United States a place where may be obtained accurate information on every part of the globe, and to encourage such exploring expeditions as are likely to result in valuable discoveries in geography and the related sciences. The Society is primarily an institution for research.

Membership: Fellows, annual dues \$10; Sustaining Fellows, \$25; Life Fellows, \$500; Patrons, \$1,000; Benefactors, \$5,000; Honorary members; Honorary corresponding members. The qualification for membership is an interest in exploration and travel, in the spread of geographical knowledge, and in the advancement of science. Total membership, at the close of 1940, 3,211.

Meetings: Monthly, November through April, at the Engineering Societies' Building, 29 West 39th Street, New York, N. Y.

Library: 110,127 volumes on geography and allied subjects, 104,040 maps, 1,999 atlases, 22,171 photographs, 654 portraits, and 2,001 lantern slides.

Research funds, medals, etc.: Fundamental research projects are carried out in the different departments. Six public lectures are held yearly. Four medals are in the gift of the Society: CULLUM GEOGRAPHICAL MEDAL, founded by Major-General George W. Cullum, awarded

from time to time to those who distinguish themselves by geographical discoveries or in the advancement of geographical science. CHARLES P. DALY MEDAL, founded by Charles P. Daly, awarded for valuable or distinguished geographical services or labors. DAVID LIVINGSTONE CENTENARY MEDAL, founded by the Hispanic Society of America, March, 1913, on the 100th anniversary of the birth of the African traveler, David Livingstone, awarded by the American Geographical Society for scientific achievement in the field of geography of the Southern Hemisphere. S. F. B. MORSE MEDAL, founded by Samuel F. B. Morse, March 11, 1872, awarded for exceptionally distinguished geographical research.

Publications: Proceedings of the American Geographical and Statistical Society, 1-2, 1862-1864. Bulletin, 1-47, 1859-1915; 1-2 as the Journal of the American Geographical and Statistical Society; 3 as Annual Report; 4-32 as Bulletin, which when bound was called Journal. Continued as Geographical Review, monthly, 1-10, 1916-1920, quarterly, 11- , 1921- , price \$5, free to Fellows. Current Geographical Publications, monthly, 1- , 1938- , price \$3.75, photograph supplement only, \$1. Research Series, 1-21, 1921-1941. Special Publications, 1-25, 1917-1941. Map of Hispanic America, 1:1,000,000, in 107 sheets, of which 101 have been published to June, 1941, price \$2 a sheet. Map of Hispanic America Series, 1- , 1922- , 4 issued to June, 1941. Library Series, irregular, 1-4, 1921-1941. Oriental Explorations and Studies, 1-6, 1926-1928. Bibliographie géographique internationale, published annually in collaboration with the Association de Géographes Français, 1924- .

149. American Geophysical Union. 2101 Constitution Avenue, N. W., Washington, D. C. **President:** W. C. Lowdermilk, U. S. Department of Agriculture, Washington, D. C. **General Secretary:** Jno. A. Fleming, 5241 Broad Branch Road, N. W., Washington, D. C. Term of President, elected for three years, expires June 30, 1944; of Secretary, elected for three years, June, 1943.

History: Originally the American Section of the proposed International Geophysical Union, tentatively organized June, 1919, and later designated as the American Geophysical Union by approval of the Executive Board of the National Research Council, December 20, 1919. The Union was made a committee of the Executive Board of the National Research Council, February 4, 1920, and the first meeting was held April 23, 1920. This relation was changed April 24, 1921, since which time the Executive Committee of the Union has been the Committee on Geophysics of the National Research Council. The Union is the American National

Committee of the International Geodetic and Geophysical Union. *Sections:* Geodesy, Seismology, Meteorology, Terrestrial Magnetism and Electricity, Oceanography, Volcanology, Hydrology, and, since April, 1940, Tectonophysics. A section of Geophysical Chemistry which was established in 1920 was discontinued May 3, 1924, as the International Union had failed to provide for such a section.

Object: To assist in carrying out the objects of the International Union, which are: to promote the study of problems concerned with the figure and physics of the earth; to initiate and coordinate researches which depend upon international cooperation and to provide for their scientific discussion and publication; to facilitate special researches, such as the comparison of instruments used in different countries; and to promote and coordinate the study of the various branches of geodesy and geophysics in the United States of America and its outlying territories.

Membership: In addition to the regular membership by subscription, which totalled 1,344 on June 1, 1941, there are also *ex officio* members temporarily appointed, including the chairmen of the divisions of Foreign Relations, Physical Sciences, Chemistry and Chemical Technology, Geology and Geography, and Biology and Agriculture, of the National Research Council; and the American officers of the International Geodetic and Geophysical Union and of its sections. The requirement for membership is eminence in those fields of science relating to geophysics. Annual dues are set each year by action of the Executive Committee, but may not exceed \$5 (since 1938, \$3). Persons actively interested in geophysical research and its practical applications through observation, discussion of results, and publication are eligible for membership; applications, however, are considered only after investigation and favorable recommendation of the Membership Committee. List of members available.

Meetings: Annual, at time and place chosen by the Executive Committee of the Union; usually held late in April or early in May, following the meeting of the National Academy of Sciences at Washington, D. C. Since 1934, regional meetings of sections and joint meetings with other organizations have been held in different parts of the country, a majority of them on the West Coast.

Research funds, medals, etc.: WILLIAM BOWIE MEDAL, awarded annually since 1939, for distinguished attainment and outstanding contribution to the advancement of cooperative research in fundamental geophysics.

Publications: Transactions, published annually by the National Research Council, 1-22, 1921-1941, free to members, may be purchased by non-members upon order to the General Secretary, except 1920 to 1931, and 1938 which are

out of print. Annual Bibliography of Hydrology of the United States, 4 issues, 1935-1939; 1940 in preparation.

150. **American Gynecological Society.** *President:* William C. Danforth, 636 Church Street, Evanston, Ill. *Secretary:* Howard Taylor, Jr., 842 Park Avenue, New York, N. Y. Term of President, elected for one year, expires June, 1942; Secretary usually reelected for five years.

History: Organized 1876.

Object: The promotion of knowledge in all that relates to the diseases of women, to obstetrics, and to abdominal surgery.

Membership: Open to graduates of medicine, of at least ten years' standing, limiting their practice to gynecology and obstetrics. Fellows; Life Fellows; Honorary Fellows. Entrance fee \$100; annual dues \$30.

Meetings: Annual, at various places.

Publications: Transactions, annual, 1876-1940, price \$6, free to members.

151. **American Heart Association, Inc.** 1790 Broadway at 58th Street, New York, N. Y. *President:* Paul D. White. *Secretary:* Howard B. Sprague. Terms expire 1943.

History: Incorporated 1924 in New York.

Object: To coordinate all activities bearing on the heart problem, to develop new lines of research, to collect and distribute information, to further public health and industrial education, and to develop a sound public opinion as to the true meaning and seriousness of the problem.

Membership: Annual members, annual dues \$5; Affiliated members, Associations, Committees, and Clinic groups, \$10; Affiliated Journal members, \$16; Journal members, including annual membership in the Association and a year's subscription to the American Heart Journal, \$11; Sustaining members, \$10; Sustaining Journal members, \$16; Donors, those giving \$1,000; Patrons, those giving \$100.

Meetings: Annual.

Publications: Modern Concepts of Cardiovascular Disease, monthly, free to members. Bulletin, quarterly, free to members. American Heart Journal, 1-, 1925-, price \$10 domestic, \$11 foreign.

152. **American Historical Association.** Study Room 274, Library of Congress Annex, Washington, D. C. *President:* Arthur M. Schlesinger, Harvard University, Cambridge, Mass. *Executive Secretary:* Guy Stanton Ford. Term of President, elected for one year, expires December, 1942; Secretary appointed by the Council.

History: Incorporated by Act of Congress in 1889. *Section:* Pacific Coast Branch.

Object: To promote interest in American history and an interest in history in America.

Membership: Annual members, annual dues \$5; Life, payment of \$100. Total membership, about 3,500. Membership list available for \$2.

Meetings: Annual, at various places.

Research funds, medals, etc.: The Association has endowment funds, amounting to about \$220,000, the income from which is mostly used for special publications. The following prizes are offered: GEORGE LOUIS BEER PRIZE, of about \$200, awarded annually for best work on any phase of European international history since 1895. JOHN H. DUNNING PRIZE, of about \$100, awarded biennially for a monograph relating to American history. ALBERT J. BEVERIDGE MEMORIAL PRIZE, of \$200, awarded biennially for a monograph in the field of American history, including South American history. HERBERT BAXTER ADAMS PRIZE, without stipend, awarded biennially for a monograph in the field of European history.

Publications: Annual Report, 1889- , free to members. American Historical Review, quarterly, 1-46, 1895-1941, free to members. Social Education, issued 9 times a year, 1-5, 1937-1941, price \$2 a year. Historical Monographs, published by the Committee on Carnegie Revolving Fund. Sources of American History, published by the Albert J. Beveridge Memorial Fund Committee. American Legal Records, published by the Littleton-Griswold Fund Committee.

153. **American Home Economics Association.** 620 Mills Building, Washington, D. C. *President:* Gladys Branegan, Montana State College, Bozeman, Mont. *Executive Secretary:* Edna Van Horn. Term of President, elected for two years, expires June, 1942; of Secretary, appointed for three years, June, 1944.

History: Organized December 31, 1908, in Washington, D. C., as a development from the Teachers Section of the Lake Placid Conference which had met annually for ten years for the consideration of problems of home science or household economics. There were 700 charter members. *Sections:* The Organization is made up of home economics associations organized in the states, the Canadian provinces, and the territorial and insular possessions of the United States. *Divisions:* The Family and its Relationships, Family Economics, Foods and Nutrition, Housing, Textiles and Clothing. *Departments:* Child Development and Parent Education, Colleges and Universities, Elementary and Secondary Schools, Extension Service, Home Economics in Business, Home Economics in Institution Administration, Home-making, Research, Social Welfare and Public Health, and Student Clubs.

Object: The development and promotion of standards of home and family life that will best further individual and social welfare.

Membership: Open to any person who meets the professional requirements. Membership is effected by joining one of the fifty-one state or other affiliated home economics associations. Active members pay \$3 in addition to state dues, and receive the Journal of Home Economics and the Bulletin of the Association; junior members pay \$1 in addition to state dues and receive the Bulletin. No one may be a junior member for more than three years. Those residing where no affiliated association exists may pay, direct to the Association, a fee of \$3 for active membership and \$1 for junior membership. Other types of individual membership are: Life, \$75; Honorary.

Meetings: Annual, at different places.

Library: Home economics and related subjects.

Research funds, medals, etc.: A grant of \$750 from Phi Upsilon Omicron was made on January 1, 1936, to be paid annually for three years for the purpose of assisting in the support of a national worker who will work towards the development of the phase of home economics that needs emphasis at any particular time. These funds have been continued annually, and have been increased to \$1,110; since 1936 they have been used in assisting a national worker in the field of consumer education. ELLEN H. RICHARDS FELLOWSHIP, \$500 to \$650 a year, open to women qualified to carry on home economics research. LILLIE C. SMITH BEQUEST, now totalling \$1,362, was granted on October 3, 1936, and is being used to compile a collection of historical materials in home economics. Since 1929, the Association has contributed to the research and technical activities of the American Standards Association as a member body.

Publications: Bulletin, issued 4 times a year, price \$1, free to members. Journal of Home Economics, monthly except July and August, price \$2.50, included in dues of members. National Magazine of Home Economics Student Clubs, issued 4 times a year, included in dues of affiliated clubs, not available to those outside the Association membership. Family Life Education Service, mimeographed releases, September to June, price \$1 a year. Consumer Education Service, mimeographed releases, September to June, price \$1 a year.

154. **American Horticultural Society.** 821 Washington Loan and Trust Building, Washington, D. C. *President:* E. J. Kraus, University of Chicago, Chicago, Ill. *Secretary:* Cary B. Millholland. Officers elected for one year; terms expire April, 1942.

History: Organized 1922; united in 1926 with the National Horticultural Society, which was also originally organized in 1922.

Object: To promote horticulture.

Membership: Annual members, annual dues \$3; Sustaining, \$10; Life, payment of \$100; Patrons, payment of \$200; Fellows, elected in recognition of achievements in horticulture. Total membership 931.

Meetings: Annual, in Washington.

Library: 500 volumes on horticulture.

Research funds, medals, etc.: The Society may recognize by suitable award, persons, corporations, or institutions who or which have made great contributions to world horticulture.

Publications: National Horticultural Magazine, quarterly, 1-20, 1922-1941, free to members. American Daffodil Year Book, 1935-1938. American Lily Year Book, 1939-1940.

155. **American Hospital Association.** 18 East Division Street, Chicago, Ill. *President:* Basil C. MacLean, Strong Memorial Hospital, Rochester, N. Y. *Executive Secretary:* Bert W. Caldwell. Term of President, elected for one year, expires October, 1942.

History: Organized 1898; incorporated 1920. From 1899 to 1906 the name of the Association was the Association of Hospital Superintendents; changed to present title in 1906.

Object: To promote the welfare of the people insofar as it may be done by the institution, care, and management of hospitals and dispensaries with efficiency and economy; to aid in procuring the cooperation of organizations with aims and objects similar to those of this Association; and, in general, to do the things which may best promote hospital efficiency.

Membership: Institutional, Personal, and Subscribing members. Entrance fee \$10 to \$30; annual dues \$10 to \$75 depending on the size of the hospital. Total membership, 2,961. Institutional members, 2,236. Personal members. Membership list available for 50 cents.

Meetings: Annual, at various places.

Library: Bacon Library, 6,000 volumes covering hospital and allied fields.

Publications: Bulletin, 1927-1935; name changed to Hospitals, monthly, 1936-1941, price \$3, included in dues of members. Transactions, price \$2, free to members.

156. **American Industrial Hygiene Association.** *President:* Donald E. Cummings, University of Colorado Medical School, Denver, Colo. *Secretary:* Gordon C. Harrold, Chrysler Corporation, Industrial Hygiene Laboratories, 341 Massachusetts Avenue, Detroit, Mich. Officers elected for one year; terms expire May, 1942.

History: The first meeting was held as the Midwest Conference on Occupational Diseases in Detroit, Mich., May, 1937. In May, 1939, at the Cleveland meeting the Conference met jointly with the Association of Industrial Physicians and Surgeons with the name of the American Conference on Occupational Diseases and Industrial Hygiene. It was at this meeting that the American Industrial Hygiene Association was formally organized. There are seven regional sections.

Object: To engage in activities and programs leading to the acquisition and dissemination of knowledge of industrial hygiene.

Membership: Members, annual dues \$3. Members are required to have a college degree or its equivalent, and three years in the field of industrial hygiene. Total membership 280.

Meetings: Annual, in the cities of the East and the Middle West.

Publications: Industrial Medicine, monthly, 1-10, 1931-1941, price \$5, free to members. An Industrial Hygiene Section is included quarterly in the January, April, July, and October issues.

157. **American Institute for the Deafened, Inc.** 122 East 22nd Street, New York, N. Y. *Director:* Gustave Wiedeman, 2312 Quentin Road, Brooklyn, N. Y. *Secretary:* Hettie A. Cronheim, 125 West 58th Street, New York, N. Y. Officers elected for three years; terms expire January, 1943.

History: Organized January, 1940.

Object: To normalize or rehabilitate the deafened.

Membership: Contributing and Participating members, voluntary dues. Total membership 200.

Meetings: Monthly, at the Russell Sage Foundation.

Publications: Aid, quarterly, free to members. Yearbook.

158. **American Institute of Actuaries.** 135 South LaSalle Street, Chicago, Ill. *President:* H. H. Jackson, 131 State Street, Montpelier, Vt. *Secretary:* W. D. Mackinnon, 1701 Equitable Building, Des Moines, Iowa. Officers elected for one year; terms expire June, 1942.

History: Organized 1909. *Sections:* United States and Canada.

Object: To advance the science of insurance mathematics, and the knowledge of the theory and practice of life insurance and related interests.

Membership: Associates must be twenty-one and must have passed examinations and complied with other conditions prescribed by the Board, annual dues \$5 for the first five

years, \$15 thereafter; Fellows, must have passed examinations and must have complied with other conditions prescribed by the Board, annual dues \$15; Contributing members, legal reserve life insurance companies, annual dues \$25. Membership list in Yearbook.

Meetings: Semiannual, frequently in Chicago.

Library: 1,284 volumes on actuarial science and related subjects.

Publications: Record, semiannual, 1-30, 1909-1941, price \$2 per number, \$5 for annual bound volume. Current copy and annual bound volume free to contributing members. Current copy free to associates, annual bound volume \$1. Yearbook, price 50 cents.

159. American Institute of Architects. The Octagon, 1741 New York Avenue, Washington, D. C. *President:* R. H. Shreve, 11 East 44th Street, New York, N. Y. *Secretary:* Charles T. Ingham, 1211 Empire Building, Pittsburgh, Pa. *Executive Secretary:* E. C. Kemper. Terms of President and Secretary, elected for one year, expire May, 1942.

History: Organized 1857. *Regional Districts:* New England, New York, Middle Atlantic, South Atlantic, Great Lakes, Central States, Illinois-Wisconsin, Gulf States, Western Mountain, Sierra Nevada. *Reference:* The American Institute of Architects, by Glenn Brown, Architects and Builders Journal, December, 1901.

Object: To organize and unite in fellowship the architects of the United States, to combine their efforts so as to promote the aesthetic, scientific, and practical efficiency of the profession, and to make the profession of ever-increasing service to society.

Membership: Every architect whose legal residence is in the United States of America and its territories and possessions is eligible to membership. There may be either individual members or state associations of architects. Individual members, entrance fee \$25, annual dues \$25; State Association members, entrance fee \$25; Life members, payment of \$500; Members emeritus. Total membership 3,100. An individual member may be advanced to a fellowship, if he satisfies the Jury of Fellows of the Institute that he is qualified by his good standing and by a notable contribution to the advancement of the profession. He must be nominated by a number of his fellow members and the fellowship is bestowed by a favorable vote of the Jury of Fellows. Other than its gold medal, a fellowship is the highest honor bestowed by the Institute on any of its members. List of members available for \$5.

Meetings: Annual, at place determined by Board of Convention.

Library: Covers the subject of architecture.

Research funds, medals, etc.: WAID EDUCATION FUND; HENRY ADAMS FUND; LOUIS H. SULLIVAN FUND; MILTON B. MEDARY SCHOLARSHIP; DELANO AND ALDRICH SCHOLARSHIP; EDWARD LANGLEY SCHOLARSHIP; EDWIN H. BROWN MEMORIAL. These funds are for the education and advancement of the profession of architecture. There are also the following medals: GOLD MEDAL, in recognition of the most distinguished service to the profession of architecture or the Institute; FINE ARTS MEDAL, in recognition of distinguished achievement in the art of painting, sculpture, music, or literature; CRAFTSMANSHIP MEDAL, in recognition of distinguished craftsmanship in the metals, masonry, wood, glass, pottery, textiles, and other industrial arts; SCHOOL MEDAL, in recognition of excellence in scholarly standing of students in architectural schools approved by the Institute.

Publications: Bulletin, 1-4, 1900-1904. Proceedings, 1867-1931. Quarterly Bulletin, 1-13, no. 3, 1900-October, 1912; continued as Journal, 1-15, 1913-1918; continued as Octagon, monthly, 1-13, 1929-1941, price \$1 domestic, \$2 foreign, free to members. The Annuary.

160. American Institute of Baking. 1135 Fullerton Avenue, Chicago, Ill. *President:* L. J. Schumaker, 1011 Chestnut Street, Philadelphia, Pa. *Secretary:* Tom Smith. Officers elected for one year; terms expire January, 1942. *Principal:* William Walmsley. *Director, Department of Nutrition:* James A. Tobey, 10 Rockefeller Center, New York, N. Y.

History: Organized 1919 by the American Bakers Association.

Object: To promote the cause of education, in nutrition and in the science and art of baking, for the advancement of the baking industry and the welfare of mankind, and, to this end among other things, to disseminate information and to establish, maintain, and conduct a school or schools and departments for theoretical and manual instruction, laboratories for chemical analysis and scientific research, and publications, and to receive contributions, subscriptions, dues, gifts, devises and bequests, and to hold, invest, administer, and use the funds and property so received, for the purposes above specified.

Membership: Members must be firms and individuals interested in the baking industry. Association, Individual, Firm and Corporation, Contributing, Subscribing, Sustaining, Founder, and Honorary members. Annual dues \$10 for Individual members, vary for other classes. Total membership, approximately 300 and over 1,200 Association members.

Meetings: Annual, with the American Bakers Association.

Library: Over 5,000 books, 30,000 clippings, and 170 periodicals on baking, milling, fermentation, chemistry, economics, physics, etc. Through the Package Library the books are available for loan for a period of ten days.

Research funds, medals, etc.: The ROBERT BOYD WARD FUND FOR NUTRITIONAL EDUCATION has made possible the Department of Nutrition which sponsors nutritional research on bakery products at leading universities, assembles and disseminates nutritional material on bread and bakery products, and undertakes educational work on bread for the benefit of professional groups, the industry, and the public. Service and research laboratories are maintained.

Publications: School catalogue issued; Library and other bulletins.

161. American Institute of Chemical Engineers.

50 East 41st Street, New York, N. Y. *President:* Francis C. Frary, Aluminum Research Laboratories, Box 772, New Kensington, Pa. *Executive Secretary:* Stephen L. Tyler. Officers elected for one year, terms expire March, 1942.

History: Organized June 22, 1908, at Philadelphia, Pa.; incorporated December 14, 1910.

Sections: Chicago, 1925; Michigan, 1925; Louisiana-Mississippi, 1932; Philadelphia-Wilmington, 1932; New York, 1933; St. Louis, 1933; Maryland, 1935; Pittsburgh, 1935; Western New York, 1936; Central Ohio, 1937; Akron, 1937; Boston, 1938; Charleston, 1940.

Object: To advance the cause of applied chemical science, to encourage original work in chemical technology, and to cooperate with educational institutions for the improvement of the education of the men who are to enter the profession.

Membership: Active members, entrance fee \$20, annual dues \$15; Associate, \$20, \$15; Junior, \$5, \$10. Total membership, approximately 2,800.

Meetings: Biennial, at cities selected by Council.

Research funds, medals, etc.: WM. H. WALKER AWARD, a bronze plaque awarded to a member for technical papers published in the Transactions during a three-year period. Competition is held annually for members of the Student Chapters, for a solution of a problem in chemical engineering. Six cash prizes are awarded.

Publications: Transactions, semiannual to 1935, quarterly to 1937, bimonthly from 1937-date, 1-37, 1908-1940, price for bound volume, \$9; for subscription to paper-covered issues, \$2 per copy, \$10 a year, free to members.

162. American Institute of Chemists. 233

Broadway, New York, N. Y. *President:*

Harry L. Fisher, U. S. Industrial Chemicals, Stamford, Conn. *Secretary:* Howard S. Neiman. Term of President expires May, 1942.

History: Organized January 22, 1923, as the American Institute of Chemistry; name changed September, 1923, to present title. *Sections:* Pennsylvania Chapter, New York Chapter, and Washington Chapter.

Object: To advance the profession of chemistry in the United States of America.

Membership: Fellows, required to have a degree and five years' experience, 1,300, annual dues \$5; Associates, a degree and three years' experience, 150, \$3; Juniors, a degree, 200, \$2. List of members available.

Meetings: Annual meeting for Chapters; monthly for local sections.

Research funds, medals, etc.: A medal is given for noteworthy and outstanding service to the science of chemistry or to the profession of the chemist in America.

Publications: Chemist, monthly except June, July, and August, 1- , 1922- , price \$2.

163. American Institute of Consulting Engineers, Inc. 75 West Street, New York, N. Y.

President: Malcolm Pirnie, 25 West 43rd Street, New York, N. Y. *Secretary:* Philip W. Henry. Officers elected for one year; terms expire January, 1943.

History: Founded December 12, 1910, as successor to the Association of Consulting Engineers which was organized May 12, 1905; incorporated 1913.

Object: To encourage the practice of engineering as a profession, to promote ethical principles and practice, to advance the interests of engineers in all branches of the profession, and to increase the usefulness of the profession to the public at large.

Membership: Entrance fee \$25, annual dues \$50 for resident members, \$30 for non-resident. Total membership 120. List of members published in the Yearbook.

Meetings: Luncheons on the first Wednesday of every month except January, July, and August; annual dinner meeting in January on the Monday preceding the third Wednesday, in New York. There is usually a dinner meeting in June.

Publications: Proceedings, 1912-1941. Yearbook.

164. American Institute of Electrical Engineers.

33 West 30th Street, New York, N. Y. *President:* D. C. Prince, General Electric Company, Schenectady, N. Y. *National Secretary:* H. H. Henline. Term of President, elected for one year, expires June, 1942.

History: Founded 1884; incorporated 1896.
Sections: Akron, Alabama, Arizona, Boston, Central Indiana, Chicago, Cincinnati, Cleveland, Columbus, Connecticut, Denver, East Tennessee, Erie, Florida, Fort Wayne, Georgia, Houston, Iowa, Ithaca, Kansas City, Lehigh Valley, Los Angeles, Louisville, Lynn, Madison, Mansfield, Maryland, Memphis, Mexico, Michigan, Milwaukee, Minnesota, Montana, Muscle Shoals, Nebraska, New Mexico-West Texas, New Orleans, New York, Niagara Frontier, North Carolina, North Texas, Oklahoma City, Philadelphia, Pittsburgh, Pittsfield, Portland, Oreg., Providence, Rochester, St. Louis, San Antonio, San Diego, San Francisco, Saskatchewan, Schenectady, Seattle, Sharon, South Bend, South Carolina, Spokane, Springfield, Mass., Syracuse, Toledo, Toronto, Tulsa, Urbana, Utah, Vancouver, Virginia, Washington, D. C., West Virginia, Wichita, and Worcester.

Object: The advancement of the theory and practice of electrical engineering and of the allied arts and sciences, and the maintenance of a high professional standing among its members.

Membership: Honorary members, 8; Fellows, 778, entrance fee \$20, annual dues \$20; Members, 4,650, \$15, \$15; Associates, 12,450, \$10, \$10 for first six years and \$15 thereafter. Total membership, May 1, 1941, 17,886. List of members in Yearbook.

Meetings: Three annual national conventions are held: Summer convention, generally in June, in different sections of the country and always outside of New York City; Winter convention; Pacific Coast convention. The annual business meeting is held during the Summer convention. There are also District meetings, and local meetings are held monthly by sections and branches.

Library: The Institute cooperates in the maintenance of the Engineering Societies Library at 29 West 39th Street, New York City.

Research funds, medals, etc.: EDISON MEDAL, awarded annually to a resident of the United States and its dependencies or the Dominion of Canada, for meritorious achievement in electrical science or electrical engineering, or in the electrical arts. LAMME MEDAL, awarded annually to a member who has shown meritorious achievement in the development of electrical apparatus or machinery. The Institute is one of the representatives on the board of award of the JOHN FRITZ MEDAL, and the COMMISSION OF WASHINGTON AWARD. National and District prizes are offered annually to authors of worthy papers.

Publications: Electrical Engineering, monthly, 1-60, 1887-1941; from 1887-1904 called Transactions; from 1905-1919, Proceedings; from 1920-1930, Journal; 1931 to date, present title, price \$12. Yearbook, free to members.

165. American Institute of Fertilizer Chemists. 27 South Gay Street, Baltimore, Md. **President:** W. J. Gascoyne, 27 South Gay Street, Baltimore, Md. **Secretary:** Philip McG. Shuey, 115 East Bay Street, Savannah, Ga.

History: Organized June 1920.
Object: To carry on research on fertilizer and to make chemical analyses.

Meetings: Annual, at White Sulphur Springs, W. Va.

166. American Institute of Homeopathy. 280 Madison Avenue, New York, N. Y. **President:** R. C. Bowie, Stapleton Building, Fort Morgan, Colo. **Secretary:** J. L. Wikoff, 799 Pennington Avenue, Trenton, N. J. Officers elected for one year; terms expire June, 1942.

History: Organized 1844. **Sections:** State societies in Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

Object: To further medical research and advance homeopathy.

Membership: Graduates of accredited medical colleges who are registered in the state in which they practice. Regular, Honorary, and Associate members, entrance fee \$10, annual dues \$10. Total membership 3,200. List of members available for \$5.

Meetings: Annual, in various places.
Research funds, medals, etc.: Research is conducted at colleges in San Francisco, New York, and Philadelphia, and at the Homeopathic Foundation at San Francisco, with funds from various sources.

Publications: Journal of American Institute of Homeopathy, monthly 1-34, 1909-1941, price included in membership dues.

167. American Institute of Mining and Metallurgical Engineers. 29 West 39th Street, New York, N. Y. **President:** Eugene McAuliffe, Omaha, Nebr. **Secretary:** A. B. Parsons. Term of President, elected for one year, expires February, 1943.

History: Organized May 17, 1871, as the American Institute of Mining Engineers; name changed June 18, 1919, to present title. **Sections:** Arizona (Bisbee), Black Hills (Lead, S. Dak.), Boston, Central Appalachian (Charleston, W. Va.), Chicago, Cleveland, Colorado (Denver), Columbia (Spokane, Wash.), Detroit, East Texas (Kilgore, Tex.), El Paso Metals (El Paso, Tex.), Gulf Coast (Houston, Tex.), Lehigh Valley (Bethlehem,

Pa.), Mid-Continent (Tulsa, Okla.), Minnesota (Duluth), Montana (Butte), Nevada (Virginia City), New York (New York City), North Pacific (Seattle), Ohio Valley (Columbus), Oregon (Portland), Pennsylvania Anthracite (Wilkes-Barre), Pittsburgh, St. Louis, San Francisco, Southeast (Birmingham, Ala.), Southern California (Los Angeles), Tri-State (Miami, Okla.), Utah (Salt Lake City), Upper Peninsula (Iron Mountain), Washington, D. C., Wyoming, Rio de Janeiro (Brazil), and Philippine (Manila, P. I.).

Object: To promote the arts and sciences connected with the economic production of the useful minerals and metals, and the welfare of those employed in these industries.

Membership: Members, entrance fee \$20, annual dues \$15; Associates, \$20, \$15; Junior members, annual dues \$10; Student Associates, annual dues \$2; Honorary members. List of members published in Directory.

Meetings: Annual meeting is held the third Tuesday in February, in New York City. In the fall it is the custom to visit some important mining or metallurgical center in the United States or abroad.

Library: The Engineering Societies Library is owned jointly by several engineering societies, of which the Institute is one.

Research funds, medals, etc.: The following endowment funds have been established, the incomes from which are available for special projects: JAMES DOUGLAS LIBRARY FUND, now amounting to \$111,000, the income from which is specifically earmarked for the support of the Engineering Societies Library. SEELEY W. MUDD MEMORIAL FUND, now totalling \$127,300, the income to be expended for special research and publications. ROCKY MOUNTAIN FUND, totalling \$123,000, the income to be used for research and other projects of special interest to the western mining states. CHARLES HAYDEN MEMORIAL FUND, amounting to \$50,000, the income to be used to further the technical education of Student Associates of the Institute. ENDOWMENT FUND "X", amounting to \$40,000, the income from which is to be used for miscellaneous purposes at the discretion of the Board of Directors. ROBERT C. GEMMELL MEMORIAL FUND, amounting to \$25,000, the income to be used for special researches and publications.

The following medals and awards have been established by the Institute: JAMES DOUGLAS MEDAL, to recognize distinguished achievement in non-ferrous metallurgy. WILLIAM LAWRENCE SAUNDERS MEDAL, to recognize distinguished achievement in mining. ANTHONY F. LUCAS MEDAL, to recognize distinguished achievement in the technique of producing oil. CHARLES F. RAND MEDAL, to recognize distinguished achievement in mining administration. ROBERT W. HUNT MEDAL AND PRIZE, to reward authors of

exceptional papers on iron and steel. J. E. JOHNSON, JR. AWARD, to recognize achievement in distinguished work in the metallurgy of iron.

Publications: Bulletin, nos. 1-156, 1905-1919; continued as Mining and Metallurgy, monthly, 1-22, 1919-1941, price \$3 domestic, \$4 foreign, free to members. Transactions, 1-145, 1871-1941; 1871-1918 as Transactions of the American Institute of Mining Engineers. Mining Technology, issued every other month, 1-5, 1937-1941. Metals Technology, issued twice quarterly, 1-8, 1934-1941. Petroleum Technology, issued every other month, 1-4, 1932-1941. Technical Publications. Separate papers published from time to time for the A.I.M.E. Coal Division and the Technical Committee on Geophysics.

168. American Institute of Nutrition. President: A. G. Hogan, 105 Schweitzer Hall, University of Missouri, Columbia, Mo. **Secretary:** A. H. Smith, Wayne University, College of Medicine, Detroit, Mich. Terms expire May 1, 1942.

History: Organized with a provisional charter on September 27, 1928; with permanent charter November 16, 1934; first annual meeting held in March, 1934.

Object: To extend the knowledge of nutrition and to facilitate personal contact between investigators in nutrition and closely related fields of interest.

Membership: Active members, 245, dues fixed annually by Council, \$2 in 1941; Emeritus members, 5. Membership is open to qualified investigators who have independently conducted and published meritorious original investigations in some phase of the chemistry or physiology of nutrition. List of members available.

Meetings: Annual, with the constituent societies of the Federation of American Societies of Experimental Biology.

Publications: Journal of Nutrition, bi-monthly from 1928-1933, monthly from 1934-1941, 2 vols. a year, 1-21, 1928-1941, price \$10 domestic, \$11 foreign, \$12.50 Canadian.

169. American Institute of Park Executives and American Park Society. President: E. A. Gallup, Ann Arbor, Mich. **Secretary:** Will O. Doolittle, Box 422, Tulsa, Okla. Term of President, elected for one year, expires September, 1942; Secretary appointed for an indefinite period.

History: Organized 1898. For the first six years of its existence the organization was known as the New England Association of Park Superintendents, but in 1904 the name was changed to American Association of Park Superintendents, and in 1921 a reorganization

was effected changing the name to the American Institute of Park Executives and creating the American Park Society.

Object: To promote parks, gardens, and recreation grounds, and to interpret their functions and relation to the people.

Membership: Fellowship in the Institute is open only to executives and assistant executives of public parks and recreation systems, or executive heads of subdivisions thereof; there are Senior Fellows and Fellows, annual dues \$10, and Honorary Fellows; Sustaining members, annual dues \$25. In the American Park Society there are Members, annual dues \$5, and Sustaining members, \$25. The total membership of the Institute is approximately 425, of the Society, approximately 300.

Publications: Parks and Recreation, monthly, price \$3, free to members; occasional technical bulletins.

170. American Institute of Physics, Inc. 175 Fifth Avenue, New York, N. Y. *Chairman of the Governing Board:* Paul E. Klopsteg, Central Scientific Company, 1700 Irving Park Road, Chicago, Ill. *Director:* Henry A. Barton. Term of Chairman, elected for one year, expires March, 1942.

History: Founded on May 3, 1931, at which time representatives of the American Physical Society, the Optical Society of America, the Acoustical Society of America, and the Society of Rheology met and reported the approval of their respective societies for the organization of an Institute under their cooperative direction. Under the present Director an office was opened in New York City on October 1, 1931. The voluntary association became the American Institute of Physics Incorporated on June 1, 1932. The American Association of Physics Teachers joined with the four societies already mentioned in sponsoring the new corporation. Each of the five societies is a member of the Corporation and nominates three members for the Governing Board. The Board elects its officers and supervises all matters concerning the Institute. The societies which thus control the Institute have delegated to it matters of common interest such as the general advancement of the science of physics and the publication of research journals.

Object: The advancement and diffusion of knowledge of the science of physics and its applications to human welfare. To this end it is part of the purpose of this corporation to undertake, among other measures, the publication of scientific journals devoted wholly or mainly to physics and/or related sciences; to serve the public by making available to journals, newspapers, and other channels of public information reliable communications as to physics and its progress; to cooperate with local,

national, and international organizations devoted to physics; to promote unity and effectiveness of effort among all those who are devoting themselves to physics by research, by application of its principles, by teaching or by study; and to foster the relations of the science of physics to other sciences and to the arts and industries.

Membership: The only members of the Institute are the five Founder Societies as groups. The Institute, however, also has Associates, which are corporations, institutions, or individuals interested in supporting its work. No fixed dues for members; regular dues for Associates are \$175 per year.

Meetings: Regular meetings are not held, this being one of the normal functions of the Founder Societies. However, a joint meeting was held of all five societies under the auspices of the Institute, in New York City, October, 1936. Occasional special conferences and invited meetings are held under the auspices of the Institute in particular fields.

Publications: The Institute publishes essentially all of the journals devoted to the science of physics in the United States—eight in number. Of these, three are owned and operated by the American Institute of Physics, Inc. The remaining five are owned by several of the Founder Societies and are operated by the Institute as agent only. A list of the journals owned and operated by the Institute follows: Review of Scientific Instruments, monthly, 1-12, 1930-1941, price for members of scientific societies \$3 domestic, \$3.50 foreign, for other subscribers \$5 domestic, \$5.50 foreign. The Review began publication as part of the Journal of the Optical Society of America in 1922; from January, 1930, through December, 1932, it was published as a separate journal by the Optical Society of America; taken over in January, 1933, by the American Institute of Physics. Journal of Chemical Physics, monthly, 1-9, 1933-1941, price \$10 domestic, \$11 foreign. Journal of Applied Physics, monthly, 8-12, 1937-1941, price for members of scientific societies, \$5 domestic, \$5.70 foreign; other subscribers, \$7 domestic, \$7.70 foreign; began publication as Physics, 1-7, 1931-1936, owned by the American Physical Society, taken over January, 1937, by the American Institute of Physics.

Owned by Founder Societies and operated by the American Institute of Physics as agent: Owned by the American Physical Society: Physical Review, semimonthly, Series 2, 1-60, 1913-1941, price \$15 domestic, \$16.50 foreign. Reviews of Modern Physics, quarterly, 2-13, 1930-1941, price for members \$3 domestic, \$3.40 foreign; other subscribers, \$4 domestic, \$4.40 foreign; began publication as the Physical Review Supplement, 1, 1929. Owned by the Opti-

cal Society of America: Journal of the Optical Society of America, monthly, 20-31, 1930-1941, price \$6 domestic, \$6.60 foreign; began publication as bimonthly, 1-5, 1917-1921; name changed to Journal of the Optical Society of America and Review of Scientific Instruments, monthly, 6-19, 1922-1929; divided into two journals, 1930. Owned by the Acoustical Society of America: Journal of the Acoustical Society of America, quarterly, 1-13, October, 1929-April, 1942, price \$6 domestic, \$6.60 foreign. Owned by the American Association of Physics Teachers: American Journal of Physics, bimonthly 8-9, 1940-1941; began publication as the American Physics Teacher, quarterly, 1-4, 1933-1936; bimonthly 5-7, 1937-1939.

171. American Institute of Planners. 1313 East 60th Street, Chicago, Ill. *President:* Earle S. Draper, Federal Housing Administration, Washington, D. C. *Executive Secretary:* Robert S. Russell. Term of President expires January, 1943.

History: Organized as the American City Planning Institute; name changed January, 1939, to present title.

Object: To study and advance the science and art of city, town, county, regional, state, and national planning, to further the interests of the profession, and to promote fellowship among its members.

Membership: Members, entrance fee \$15, annual dues \$25; Associate members, \$10, \$15; Affiliates, \$5, \$10; Junior members, \$5, \$5. Total membership 177. List of members available for 50 cents.

Meetings: Annual meeting, and three interim meetings a year.

Publications: Planners' Journal, quarterly, 1925-1941, price \$2, free to members; published from 1925-1935 as City Planning. Handbook, annual, price \$1.

172. American Institute of Refrigeration. 433 North Waller Avenue, Chicago, Ill. *President:* Wrisley Brown, Terminal Refrigerating and Warehousing Company, 4½ and D Streets, Washington, D. C. *Secretary:* J. F. Nickerson. Officers elected for one year; terms expire May, 1942.

History: Organized 1910 as the American Association of Refrigeration. Name changed March 25, 1921, to the American Association of Ice and Refrigeration, and on May 11, 1928, to present title.

Object: To correlate the activities of associations, organizations, and individuals especially concerned in ice and refrigeration; to promote investigations, experiments, and educational research in institutions of learning and otherwise, and to encourage general progress; to establish contact with national, state, and

local government, and to maintain a bureau of information upon legislation, statistics, and data relating to the industry; to encourage the expansion of American trade and commerce by dissemination of information on refrigeration and kindred subjects; and to cooperate with the Institut Internationale du Froid and other international organizations concerned with ice and refrigeration.

Membership: Active members, restricted to national, sectional, or interstate associations fundamentally dependent upon and interested in ice and refrigeration, and state and local associations so interested but not directly affiliated; annual dues \$250 for national associations, \$100 for sectional, interstate, or state associations. Associate members, those organizations, institutions, and societies indirectly concerned in ice and refrigeration; annual dues \$50. Individual members, any firm, corporation, or person interested in or connected with the ice and refrigeration industries; annual dues \$15 for persons, \$25 for firms, companies, or corporations.

Meetings: Annual, usually in Washington, D. C.

Library: About 1,500 books on refrigeration, including refrigeration machinery, ice manufacture, cold storage, etc.

Research funds, medals, etc.: Funds are obtained for special work when required.

Publications: Proceedings, 1- , 1910-1910-1921 issued as Proceedings of the American Association of Refrigeration. Ice and Refrigeration, monthly, 1- , 1891- , price \$3 a year, no exchange. Bulletin of the International Institute of Refrigeration, bimonthly, price \$3.25, no exchange.

173. American Institute of Steel Construction, Inc. 101 Park Avenue, New York, N. Y. *President:* Clyde G. Conley, Mt. Vernon, Ohio. *Secretary:* V. G. Iden. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Founded in 1921.

Object: To further the interests of structural steel in its fabrication, erection, and use, through the medium of a constructive cooperative program.

Membership: Manufacturers engaged in the fabrication and erection of structural steel. Annual dues, according to amount per ton of steel fabricated or erected. Total membership 121. Membership list available.

Meetings: Annual, at place selected by the committee.

Library: 100 volumes on engineering design and economic subjects.

Research funds, medals, etc.: Funds vary according to the needs of the research undertaken. J. LLOYD KIMBROUGH MEDAL, estab-

lished in 1941, to be awarded for outstanding contributions to the steel construction industry.

Publications: Steel Constructor, quarterly, 1-12, 1930-1941, no charge. Annual Report.

174. American Institute of the City of New York. 60 East 42nd Street, New York, N. Y. *President:* H. C. Parmelee. *Secretary:* Gerard P. Herrick. Officers elected for one year; terms expire February, 1942.

History: Organized February 19, 1828.

Object: The interpretation of the latest developments in science to adult members through lectures, demonstrations, and short courses; the training of the youth of the country in scientific thinking through Science and Engineering Clubs.

Membership: Members, 382, annual dues \$5; Non-resident, 124, \$2; Associate, 107, \$2; Science and Engineering Clubs, 810 Clubs with 30,000 members, \$2; Sustaining, \$500; Contributing, \$500; Life, \$100.

Meetings: Monthly, at the American Institute Meeting Room.

Research funds, medals, etc.: A small grant is made to the Institute annually from the American Association for the Advancement of Science. GOLD MEDAL, one or two awarded annually. FELLOWSHIPS, not more than two awarded annually. A Science Laboratory is maintained at 310 Fifth Avenue where the Science and Engineering Club members may carry on scientific investigations.

Publications: Science Observer, 10 issues a year, 1-3, 1939-1941, price, 50 cents a year, free to members. Science Leaflet, 30 issues a year, 1-14, 1927-1941, price \$2 a year.

175. American Institute of Weights and Measures. 33 Rector Street, New York, N. Y. *President:* W. R. Ingalls. *Secretary:* R. F. Cogswell.

History: Founded 1916.

Object: Education in respect of the practical use of weights and measures; defense of the English systems; opposition against movements towards adoption of the metric system.

Membership: Society, Corporate, and Individual members. Individual members pay annual dues of \$5.

Publications: Bulletin, irregular.

176. American Iris Society, Inc. 821 Washington Loan and Trust Building, Washington, D. C. *President:* W. J. McKee, 45 Kenwood Avenue, Worcester, Mass. *Secretary:* Howard R. Watkins. Officers elected for one year; terms expire December, 1942.

History: Organized 1920. *Sections:* There are sixteen geographic regions, with regional vice presidents.

Object: To improve the iris and promote its culture.

Membership: Annual, Triennial, and Life members. Annual dues \$3.

Meetings: Annual, at various places.

Research funds, medals, etc.: Gold medal, awarded for distinguished service; silver and bronze medals, awarded to winners in iris shows.

Publications: Bulletin, quarterly, 1-81, 1921-1941, free to members.

177. American Iron and Steel Institute. 350 Fifth Avenue, New York, N. Y. *President:* Walter S. Tower. *Secretary:* George S. Rose. Term of President, elected for 740 days, expires May, 1942.

History: Organized 1908; incorporated March 31, 1908 in New York; American Iron and Steel Association (Philadelphia) taken over January 1, 1912.

Object: To promote the interests of the iron and steel industry; to collect and publish statistics and other information concerning any matters connected with the industry; to provide a forum for the exchange of information and discussion of problems relating to the industry; and to engage in activities to promote the use of iron and steel.

Membership: Active members, residents of the United States, Canada, and Mexico over twenty-one and directly engaged in the iron and steel industry, 1,336 on June 1, 1941, limited to 2,000; Honorary members, 9 on June 1, 1941, limited to 50; Associate, residents of the United States, Canada, and Mexico, over twenty-one, and indirectly connected with the iron and steel industry, 500 on June 1, 1941, limited to 500. All corporations or partnerships located in the above countries, and engaged directly in the iron and steel industry, one or more of whose officers or employees are individual members of the Institute, shall be eligible for company membership. Dues are based on previous year's sales value. Entrance fee for Active and Associate members \$20, annual dues \$20.

Meetings: Annual, at the offices of the Institute, on the first Monday of May.

Library: 1,500 volumes on the statistical, historical, economic, and technical phases of the iron and steel industry.

Research funds, medals, etc.: AMERICAN IRON AND STEEL INSTITUTE MEDAL, awarded to the author, or co-authors, of a paper read before a meeting of the Institute having special merit and importance in connection with iron and steel manufacture, and to perpetuate the memory of Elbert H. Gary, founder and first President of the Institute. GARY MEMORIAL MEDAL, awarded for outstanding achievement in the iron and steel industry, to honor Elbert H. Gary. An investigatorship is maintained at Cornell University, for the study of the

behavior of light gage steel sections, either formed or rolled, under load. An Industrial Fellowship is maintained at Mellon Institute, for the study and development of waste pickling liquors resulting from metallurgical processes.

Publications: Annual Statistical Report, 1912- , price \$5 per copy, discount to members; a continuation of a similar report of the American Iron and Steel Association, 1871-1911. Directory of Iron and Steel Works of the United States and Canada, issued at intervals, 1912- ; 23rd edition dated 1938, price \$10 per copy, discount to members; a continuation of a similar publication of American Iron and Steel Association, 1873-1910. Steel Facts, 8 or 10 times a year, October, 1934- , free. Yearbook, price \$3.50, free to members.

178. American Laryngological Association.

President: Thomas E. Carmody, 806 Metropolitan Building, Denver, Colo. **Secretary:** Charles J. Imperatori, 108 East 38th Street, New York, N. Y. Officers elected for one year; terms expire May, 1942.

Object: The study of the diseases of the nose and throat.

Membership: Active Fellows, 99; Emeritus Fellows, 26; Corresponding Fellows, 18; Honorary Fellows, 7. List of members in Transactions.

Meetings: Annual.

Research funds, medals, etc.: DEROALDES AWARD, given triennially, a gold medal for meritorious work and unusual service in rhinology and laryngology, awarded to anyone in the Americas. NEWCOMB AWARD, given annually, to members only, for meritorious service and outstanding work in rhinology and laryngology. CASSELLBERRY AWARD, given annually, consisting of approximately \$100 to \$200 cash, with certificate for original research work in rhinology and laryngology.

Publications: Transactions, annual, 1879- , price \$5, free to members.

179. American Laryngological, Rhinological and Otological Society, Inc. President: James A. Babbitt, 1912 Spruce Street, Philadelphia, Pa. **Secretary:** C. Stewart Nash, 708 Medical Arts Building, Rochester, N. Y. Terms expire April, 1942.

History: Organized June 10, 1895; incorporated December 5, 1917. **Sections:** Eastern, Southern, Middle, and Western.

Object: The cultivation of social intercourse, and the development of scientific work among its members, especially in relation to laryngology, rhinology, and otology.

Membership: Active, Emeritus, and Honorary Fellows. Entrance fee \$10, annual dues \$15. Total membership 437.

Meetings: Annual, at various places.

Publications: Transactions, annual, 1895- , free to members.

180. American Leather Chemists Association.

143 West 20th Street, New York, N. Y. **President:** V. J. Mlejnek, Graton and Knight Company, Worcester, Mass. **Secretary:** C. A. Blair. Officers elected for two years; terms expire 1942.

History: Organized 1903.

Object: To devise and perfect methods for the analysis of leather and of the materials used in leather chemistry; and to promote the advancement of chemistry, especially in regard to its application to problems confronting the leather industries.

Membership: Active and Associate members. Annual dues \$10. Total membership 435.

Meetings: Annual.

Publications: Journal, monthly, 1-36, 1906-1941, price \$12, free to members.

181. American Library Association.

520 North Michigan Avenue, Chicago, Ill. **President:** Charles H. Brown, Iowa State College Library, Ames, Iowa. **Secretary:** Carl H. Milam. Term of President, elected for one year, expires June, 1942; Secretary chosen by Executive Board and holds office at its pleasure.

History: Founded in 1876. The oldest and largest association of its kind, it is affiliated with more than fifty other library associations. International in character, the Association today has representatives from every major country in the world among its members. **Divisions:** Cataloging and Classification; Association of College and Reference Libraries; Trustees; Libraries for Children and Young People; Library Extension. **Reference:** Fifty years of the American Library Association, by George B. Utley.

Object: One of the chief objectives of the Association is complete and adequate library coverage for the United States and Canada. Other objectives are: To raise standards and promulgate ideals of library service; to assist libraries to operate with the utmost economy and efficiency; to promote studies which will tend to establish on a solid foundation the library's place in the governmental and social structure; to build for the future of library service by drawing into the profession some of the best qualified young men and women; to improve the status of librarianship by working to advance salary standards, by maintaining an effective personnel and placement service for employers and employees, by increasing professional knowledge through original research, by promoting adequate facilities for professional

education, by working for the establishment of scholarships and fellowships, and by providing a plan for retiring annuities for its members.

Membership: Personal members, annual dues \$2 to \$10; Institutional members, \$5 to \$25; all members receive news issues of A.L.A. Bulletin. Members paying dues of \$4 receive in addition, the Handbook; those paying \$5 or over receive the Bulletin, Handbook, and Proceedings. Contributing members, \$25; Sustaining, \$100; Life, \$200; Honorary. Total membership, over 16,000. Membership list published in A.L.A. Handbook, issued annually, usually in November, price \$2.

Meetings: Annual conference, usually in spring or early summer; also Midwinter meeting, at place determined by the Executive Board.

Library: 5,000 volumes and a large file of pamphlets covering the field of library work.

Research funds, medals, etc.: CARNEGIE FUND, created in 1902, by gift of \$100,000 from Andrew Carnegie, the income to be used for the preparation and publication of reading lists, indexes, and other bibliographical aids which are thought to be specially useful in circulating libraries. JAMES L. WHITNEY FUND, present amount \$2,335, income being used for the preparation of bibliographical aids for research workers. OBERLY MEMORIAL FUND, originally \$1,000, contributed by colleagues of Eunice Rockwood Oberly, late librarian, Bureau of Plant Industry, the income to be used biennially as an award to the compiler of the best bibliography on agriculture or the natural sciences. CARNEGIE CORPORATION ENDOWMENT of \$2,000,000. GENERAL ENDOWMENT FUND, \$43,200. Income from the last two funds is available for the general purposes of the Association. BOGLE MEMORIAL FUND, present amount \$5,072, created by gifts from friends of the late Sarah C. N. Bogle, the income to be used for an international scholarship. MEYER MEMORIAL FUND of \$2,000, created to keep in remembrance the services to the library profession rendered by Dr. Herman H. B. Meyer, of the Library of Congress staff. NEWBERRY MEDAL and CALDECOTT MEDAL, donated by Frederic G. Melcher, awarded annually for the best contributions to juvenile literature and the most distinguished picture book for children, respectively, the winners being selected by the School Libraries Section and the Section for Library Work with Children.

Publications: Bulletin, monthly, 1- , 1907- , price for news issues, 25 cents a copy, free to members; the August issue is the Conference Proceedings, the November issue is the Handbook. Booklist, twice-monthly, except monthly in August and September, 1- , 1905- , price \$3. College and Research Libraries, quarterly, 1- , 1930- , price \$3, to members of

the Association of College and Reference Libraries \$2. Hospital Book Guide, quarterly, 1- , 1940- , price \$1. Journal of Documentary Reproduction, quarterly, 1- , 1938- , price \$3. Subscription Books Bulletin, quarterly, 1- , 1930- , price \$2.

182. American Library Institute. *President:* Phineas L. Windsor, University of Illinois, Urbana, Ill. *Secretary:* Herbert O. Brigham, 82 Touro Street, Newport, R. I. Officers elected for three years; terms expire 1942.

History: Organized 1905.

Object: To provide for the investigation, study, and discussion of problems in the field of library theory and practice by a representative body chosen from the United States and Canada.

Membership: Entrance fee \$1, annual dues \$1. Total membership 100; term of members not over ten years.

Meetings: Semiannual.

183. American Management Association. 330 West 42nd Street, New York, N. Y. *President:* Alvin E. Dodd. *Secretary:* Henry J. Howlett.

History: Organized January 24, 1913, as the National Association of Corporation Schools; merged with Industrial Relations Association of America as the National Personnel Association, May 20, 1922; absorbed the National Association of Sales Managers, June 8, 1923; present title assumed March 14, 1923. **Divisions:** Personnel, Marketing, Office, Production, Finance, and Insurance. **Reference:** The Work and Program of the American Management Association, by W. J. Donald, Annals of the American Academy of Political and Social Science, May, 1925; The American Management Association and its Predecessors, Special Paper, no. 17, of the Association.

Object: To advance the understanding of the principles, policies, practices, and purposes of modern management, and of the methods of creating and maintaining satisfactory relations in commerce and industry; to appoint representatives and delegates to cooperate with other organizations on matters of like interest; to publish such literature as the corporation may deem necessary in the furtherance of its work.

Membership: Individual members, annual dues \$30; Company members, \$100 to \$1,500, according to quantities of publications desired. Total membership 5,000.

Meetings: Each of the Divisions holds one or two meetings a year.

Library: 6,000 volumes, 35 drawers of pamphlet material, and 450 periodicals received in the field of business management.

Research funds, medals, etc.: GANTT MEDAL, awarded irregularly by the American Management Association and the Management Section of the American Society of Mechanical Engineers, for outstanding achievement in the field of management.

Publications: Office Management Series, 1-93, 1924-1941. Personnel Series, 1-50, 1930-1941. Marketing Series, 1-42, 1924-1941. Industrial Marketing Series, 1-23, 1930-1933. Production Series, 1-128, 1924-1941. Job Order Production Series, 1-12, 1932-1936. Mass Production Series, 1-7, 1932-1935. Insurance Series, 1-39, 1931-1940. Financial Management Series, 1-68, 1925-1941. General Management Series, 1-132, 1924-1937. Institute of Management Series, 1-19, 1927-1938.

184. American Manganese Producers Association. 991 National Press Building, Washington, D. C. *President:* J. Carson Adkerson. *Secretary:* Harold A. Pumpelly.

Object: The development of the production and use of manganese.

Membership: Active members, annual dues \$50; Associate, \$5. Total membership, approximately 170.

Meetings: Annual.

Publications: Proceedings of Convention, annual, 1-, free to members.

185. American Mathematical Society. 531 West 116th Street, New York, N. Y. *President:* Marston Morse, Institute for Advanced Study, Princeton, N. J. *Secretary:* J. R. Kline, University of Pennsylvania, Philadelphia, Pa. Officers elected for two years; terms expire December 31, 1942.

History: Organized November, 1888, as the New York Mathematical Society; reorganized July, 1894, with present title; incorporated May, 1923, in the District of Columbia. *Reference:* Semicentennial Publications, Volume I.

Object: The encouragement and maintenance of an active interest in mathematical research.

Membership: Ordinary members; Contributing; Noncontributing; Sustaining. Entrance fee \$5, annual dues \$6 for the first three years, \$8 thereafter. Total membership 2,314 ordinary members, 85 colleges and universities as Institutional members. Membership list available for 50 cents.

Meetings: Three meetings annually in New York or vicinity, in February, October, and the spring; two meetings in Chicago or vicinity; two on the Pacific Coast; and, in addition, the Summer and Annual Meetings, at time and place designated by the Council.

Library: 9,721 volumes on mathematics.

Research funds, medals, etc.: BÖCHER MEMORIAL PRIZE, capital about \$2,000, income about \$70, awarded every five years for a memoir published in the Society's Transactions during the preceding five-year interval. FRANK NELSON COLE PRIZES IN ALGEBRA AND THE THEORY OF NUMBERS, capital about \$3,000, income about \$120, awarded twice every five years for notable contributions to algebra or the theory of numbers. MOORE FUND, capital about \$3,700, income to be used after the lapse of a certain number of years for prizes or publication. MARION REILLY FUND, capital about \$24,000, income to be used for encouragement of research; temporarily for publication.

Publications: Bulletin of the New York Mathematical Society, 1-3, 1891-1894. Bulletin of the American Mathematical Society, monthly, 1-47, 1894-1941, price \$9, free to members and on exchange with about 100 publications. Transactions, bimonthly, 1-49, 1900-1941, price \$12, to members \$9, and on exchange with about 100 publications. Mathematical Reviews, monthly, 1-2, 1940-1941, price \$13, to members \$6.50, to members of other sponsoring societies \$6.50. Colloquium Publications, a series of monographs in book form, 1-26, 1905-1940.

186. American Meat Institute. 59 East Van Buren Street, Chicago, Ill. *President:* Wesley Hardenbergh.

History: Organized in 1919 as the Institute of American Meat Packers, to succeed the American Meat Packers Association, which had existed since 1906; name changed October, 1940, to present title. *Branches:* New York City, Washington, D. C., and San Francisco, Calif.

Object: To promote the mutual improvement of its members, and the study of the arts and sciences connected with the meat packing industry.

Membership: Regular members, 310; Associate, 75; Sausage, 75. Annual dues depend on classification of membership.

Meetings: Annual, at various places.

Library: 300 volumes on meat packing, and allied and associated industries.

Research funds, medals, etc.: The Research Laboratory of the American Meat Institute was founded by Thomas E. Wilson at the University of Chicago. There is also a Service Laboratory, for chemical analyses. Funds have been supplied for research in laboratories of colleges and universities.

Publications: Meat and Live Stock Digest, monthly, free on request. This Business We're In, prepared monthly for circulation through members subscribing, a nominal charge. Meat Trade Topics, monthly, distributed by members to their salesmen, a nominal charge. Reference Book, annual.

187. American Medical Association. 535 North Dearborn Street, Chicago, Ill. *President:* Frank H. Lahey, 605 Commonwealth Avenue, Boston, Mass. *Secretary and General Manager:* Olin West. Officers elected for one year; terms expire June, 1942.

History: Organized 1847. *Sections:* Practice of Medicine; Surgery, General and Abdominal; Obstetrics and Gynecology; Ophthalmology; Laryngology, Otolaryngology, and Rhinology; Pediatrics; Experimental Medicine and Therapeutics; Pathology and Physiology; Nervous and Mental Diseases; Dermatology and Syphilology; Preventive and Industrial Medicine and Public Health; Urology; Orthopedic Surgery; Gastroenterology and Proctology; Radiology; Anesthesiology.

Object: To promote the science and art of medicine, and the betterment of public health.

Membership: Members of the fifty-four constituent state and territorial medical associations are members of the Association; no dues required. Approximately 120,000 members. All members in good standing are eligible to apply for Fellowship; annual dues \$8, including subscription to the Journal.

Meetings: Annual, at place selected.

Library: 1,500 medical journals, approximately 5,000 volumes; Package Library Department contains approximately 225,000 reprints, reports, etc., classified by subject. Specializes in current medical literature. Books are not loaned, but periodicals are loaned to members and subscribers, for whom also the Package Library is maintained.

Research funds, medals, etc.: Research work of the Association is done through a Committee on Scientific Research, the Council on Pharmacy and Chemistry, the Chemical Laboratory, the Council on Physical Therapy, the Council on Scientific Assembly and the scientific sections. The Chemical Laboratory is maintained in the building of the Association. It cooperates very closely with the Council on Pharmacy and Chemistry and the Bureau of Investigation of the Association. It is largely engaged in making analyses of products for which therapeutic claims are made, and in other work designed to serve the purposes of the Council on Pharmacy and Chemistry.

Publications: Proceedings of the National Medical Convention, 1846-1847. Transactions, 1-33, 1848-1882, continued in Journal. Bulletin, monthly except July, August, and September, 1-31, 1905-1936, discontinued in 1937. The Journal of the American Medical Association, weekly, 1-116, 1883-1941, price \$8, free to Fellows. American Journal of Diseases of Children, monthly, 1-61, 1911-1941, price \$8. Archives of Dermatology and Syphilology, monthly, 1-43, 1920-1941, price \$8. Archives of Internal Medicine, monthly, 1-67, 1908-1941,

price \$5. Archives of Neurology and Psychiatry, monthly, 1-45, 1919-1941, price \$8. Archives of Ophthalmology, monthly, 1-25, 1929-1941, price \$8. Archives of Otolaryngology, monthly, 1-33, 1925-1941, price \$6. Archives of Pathology, monthly, 1-31, 1926-1941, price \$6. Archives of Surgery, monthly, 1-42, 1920-1941, price \$8. War Medicine, bimonthly, 1- , 1941- , price \$5. Hygeia, monthly, 1-18, 1923-1941, price \$2.50. Quarterly Cumulative Index to Current Medical Literature, 1-12, 1916-1926; combined 1927 with Index Medicus q. v. to form Quarterly Cumulative Index Medicus, quarterly, 1-29, 1927-1941, price \$12. Section Transactions, irregular.

188. American Meteor Society. Flower Observatory, Upper Darby, Pa. *President:* C. P. Olivier. *Secretary:* S. G. Barton.

History: Founded in 1911 at Agnes Scott College, Decatur, Ga. State and regional groups. *Reference:* Meteor Notes, and Annual Reports in Popular Astronomy, from 1915 to 1941.

Object: To extend the knowledge of meteoric astronomy.

Membership: Associate members; Active members. Annual dues \$1. Total membership, about 200. Membership list available.

Meetings: Occasional group meetings are held.

Research funds, medals, etc.: Several grants aggregating about \$3,000 have been received.

Publications: Meteor Notes, appears 10 times a year in Popular Astronomy. Bulletin, occasional. Reprints. Publications are free to members.

189. American Meteorological Society. *President:* Edward H. Bowie, Weather Bureau, San Francisco, Calif. *Secretary:* Charles F. Brooks, Blue Hill Observatory, Milton, Mass. Term of President, elected for two years, expires December, 1943; of Secretary, elected for one year, December, 1942.

History: Organized December 29, 1919, in affiliation with the American Association for the Advancement of Science, at St. Louis, Mo.; incorporated January 21, 1920, at Washington, D. C. *Seminars and Branches:* Albuquerque Branch, Cambridge Seminar, Central Pennsylvania Seminar, Chicago Seminar, Denver Branch, District of Columbia Branch, Fargo-Moorhead Seminar, Iowa Branch, Kansas City Seminar, Los Angeles Seminar, New Orleans Branch, New York Metropolitan Seminar, New York University Chapter, North Texas Seminar, Northern California Branch, Pittsburgh Seminar, San Diego Branch, Seattle Branch, Southeastern Division. Members and other persons living in or close to these cities and

interested in meteorology are invited to attend or formally join these groups.

Object: The advancement and diffusion of knowledge and applications of meteorology, including climatology.

Membership: Members, annual dues \$3; Contributing, \$5; Sustaining and Corporation, \$10; Patrons, \$100. Total membership 1,400. Membership list available for 20 cents.

Meetings: Six or more meetings a year, at different places.

Research funds, medals, etc.: LIFE MEMBERSHIP FUND, capital about \$1,900, income about \$55. MEISINGER AEROLOGICAL RESEARCH FUND, capital about \$2,400, income about \$65. AMERICAN METEOROLOGICAL SOCIETY ENDOWMENT FUND, capital \$9,000, income about \$260. CARROLL E. EDSON FUND, capital \$1,000, income \$30. Royalties on "Snow Crystals" have accumulated to \$900. The endowments of the Society though used at present for publication of research may be used for research grants, except in the case of the Meisinger Aerological Research Fund, the income of which is used for the Meisinger Prize.

Publications: Bulletin, 10 issues a year, 1-22, 1920-1941, price \$3.50, free to members.

190. American Microscopical Society. *President:* John W. Scott, University of Wyoming, Laramie, Wyo. *Secretary:* J. E. Ackert, Kansas State College, Manhattan, Kans. Terms expire December, 1942.

History: Organized 1878, at Indianapolis, Ind., as the American Society of Microscopists; incorporated 1891 in the District of Columbia, under present title.

Object: The encouragement of research in biological fields where the microscope is utilized.

Membership: Regular members, entrance fee \$3, annual dues \$2; Honorary; Life, \$50 in any one year. Total membership, about 470. List of members in the January issue of the Transactions.

Meetings: Annual, in conjunction with the American Association for the Advancement of Science.

Research funds, medals, etc.: SPENCER-TOLLES RESEARCH FUND, to aid in publication of results of research, capital \$20,000, net income \$200.

Publications: Transactions, quarterly, 1-60, 1878-1941, price \$3, free to members.

191. American Mining Congress. Munsey Building, Washington, D. C. *President:* Howard I. Young, American Zinc, Lead and Smelting Company, St. Louis, Mo. *Secretary:* Julian D. Conover.

History: Organized 1898 in Denver, Colo., as a Gold Mining Congress. Permanent headquarters established in Washington, D. C.,

July, 1910. Includes all branches of the mineral industry.

Object: The advancement of the best interests of the mineral industries in the United States.

Membership: Entrance fee (temporarily waived) \$15, annual dues \$10, subscribing dues fixed by Board of Directors.

Meetings: Annual Coal Mining Convention and Exposition, held for several years at Cincinnati, Ohio, in May. Annual Metal Mining Convention and Exposition held in September, usually in some western state as designated by the Board of Governors. Annual Convention of the national organization, Washington, D. C., or New York City, in December or January.

Publications: Mining Congress Journal, monthly, 1-27, 1915-1941, price \$2. Yearbook on Coal Mine Modernization, annual, price \$2.

192. American Museum of Natural History. Central Park West at 79th Street, New York, N. Y. *President:* F. Trubee Davison, Locust Valley, Long Island, N. Y. *Secretary:* Clarence L. Hay, 1 Sutton Place South, New York, N. Y. *Acting Director:* Wayne M. Faunce.

History: Incorporated April 6, 1869. *Departments:* Astronomy and the Hayden Planetarium, Geology and Mineralogy, Paleontology, Living Invertebrates, Entomology, Living and Extinct Fishes, Herpetology, Experimental Biology, Ornithology, Mammalogy, Comparative and Human Anatomy, Anthropology, Asiatic Exploration and Research, Forestry and Conservation, Education, Library, Arts, Preparation and Installation, Public and Press Information, Scientific Publications, Natural History Magazine, the Junior Natural History Magazine.

Object: The Museum was organized for the purpose of establishing and maintaining in New York City a Museum and Library of Natural History; of encouraging and developing the study of natural science; of advancing the general knowledge of kindred subjects, and to that end of furnishing popular instruction.

Membership: Associate members, annual dues \$3; Annual members, \$10; Sustaining, \$25; Contributing, \$50; Supporting, \$100; Fellows, \$500; Life members, \$1,000; Patrons, \$5,000; Associate Benefactors, \$10,000; Associate Founders, \$25,000; Benefactors, \$50,000; Endowment members, \$100,000; Honorary life members, Honorary fellows, Corresponding members (honorary). Total membership as of June 5, 1941, 25,635.

Meetings: The Board of Trustees meets three times a year at the Museum.

Library: 130,000 volumes on natural history, exclusive of botany.

Research funds, medals, etc.: (The first amount is the Market Value, and the second, the Income as of December 31, 1940). *Unrestricted Funds:* GENERAL FUND, \$433,794; \$19,570. WILLIAM E. DODGE FUND, \$4,929; \$222. MR. AND MRS. AUGUSTUS D. JULLIARD FUND No. 1, \$98,593; \$4,448. SAGE FUND, \$1,254,333; \$56,589. WOOD FOSDICK FUND, \$845,204; \$38,133. ANNA M. HARKNESS FUND, \$839,512; \$37,874. *Non-Endowment Special Funds:* ANSON W. HARD LIBRARY FUND, \$5,250; \$236. JAMES REUEL SMITH FUND, \$33,677; \$1,519. WARBURG MEMORIAL EDUCATION FUND, \$10,007; \$451. *Named Endowment Funds:* JOHN B. TREVOR FUND, \$29,675; \$1,338. JOSIAH M. FISKE FUND, \$9,859; \$444. SOLOMON LOEB FUND, \$4,929; \$222. J. P. MORGAN FUND, \$450,770; \$20,336. MR. AND MRS. AUGUSTUS D. JULLIARD FUND No. 2, \$49,296; \$2,224. GEORGE F. BAKER FUND, \$70,954; \$3,201. COLLIS P. HUNTINGTON FUND, \$37,189; \$1,677. OGDEN MILLS ENDOWMENT FUND, \$407,537; \$18,385. JOHN D. ROCKEFELLER, JR. FUND, \$1,035,178; \$46,701. WILLIAM HALE HARKNESS FUND No. 1, \$5,580; \$251. WILLIAM HALE HARKNESS FUND No. 2, \$5,225; \$235. JOHN D. ROCKEFELLER, 3RD FUND, \$21,961; \$990. *General Endowment Fund:* \$1,506,241; \$67,953. *Special Endowment Funds:* MRS. ROBERT L. STUART FUND, \$243,032; \$10,964. MATILDA W. BRUCE FUND, \$2,402; \$108. MORRIS K. JESUP FUND, \$4,985,969; \$224,941. JONATHAN THORNE MEMORIAL FUND, \$26,241; \$1,183. MARGARET OLIVIA SAGE FUND, \$10,664; \$481. PHYSICAL ANTHROPOLOGY FUND, \$12,775; \$576. RALPH WINFRED TOWER MEMORIAL FUND, \$25,809; \$1,164. OSBORN PALAEOLOGICAL RESEARCH FUND, \$3,715; \$167. SPECIAL BIOLOGICAL RESEARCH FUND No. 1, \$985; \$44. BASHFORD DEAN ICHTHYOLOGICAL LIBRARY FUND, \$4,350; \$196. VERTEBRATE PALAEOLOGY FIELD FUND, \$28,663; \$1,293. ANTHROPOLOGY SPECIAL FUND, \$599; \$27. WALLACE MEMORIAL FUND, \$13,659; \$616. VERTEBRATE PALAEOLOGY SPECIAL FUND, \$599; \$27. FREDERICK G. VOSS ANTHROPOLOGY AND ARCHAEOLOGY FUND, \$275,539; \$12,430. BOYCE THOMPSON MINERAL COLLECTION FUND, \$70,577; \$3,184. MORTIMER L. SCHIFF FUND, \$19,718; \$889. LOUIS V. BELL FUND, \$65,758; \$2,966. WHITNEY TIBETAN FUND, \$18,620; \$840. *Trust Funds:* JAMES ARTHUR RESEARCH FUND, \$32,105; \$1,146. JOHN DEWITT STERRY FUND, \$10,097; \$436. *Investment Funds:* AFRICAN HALL GROUP FUND, \$5,475; \$420. BOYCE THOMPSON MINERAL COLLECTION INSTALLATION FUND, \$26,155; \$657. *Income (only) from Trusts:* ANONYMOUS TRUST FUND No. 1, \$4,500. CLEVELAND H. DODGE FOUNDATION, \$5,000. CHARLES M. JESUP TRUST, \$1,500. CHARLES S. KEENE TRUST, \$6,500. The total market value of the funds is \$13,043,283; the

total income \$605,274. These capital funds are for research work, or at the discretion of the Trustees, to be applied to the general administration of the Museum.

Publications: Natural History, 1-46, 1900-1940, price \$3 domestic; \$3.50 Canada, South America, foreign; free to members. Junior Natural History Magazine, 1-5, 1936-1940, price \$1. Bulletin, 1-77, 1881-1940, price \$4-\$10 a volume. Anthropological Papers, 1-37, 1906-1940, price 25 cents-\$5 a part. American Museum Novitates, nos. 1-1100, 1921-1940, price 15 cents a copy. Memoirs, 1-15, 1893-1930; n. s., 1-3, 1912-1921, price 75 cents-\$18 a part. Annual Report, 1-72, January, 1870-1940, free to members.

193. **American National Red Cross.** Washington, D. C. *President:* The President of the United States. *Chairman of Central Committee:* Norman H. Davis. *National Director, Public Information Service:* G. Stewart Brown.

History: Organized in 1881 as the Association of the American Red Cross; name changed in 1900 to present title. *Reference:* The Story of the Red Cross, issued by the organization.

Object: To furnish volunteer aid to the sick and wounded of armies in time of war; to perform all the duties devolved upon a national society by each nation which has acceded to the treaty of Geneva, to act in matters of voluntary relief and in accord with the military and naval authorities as a medium of communication between the people of the United States of America and their Army and Navy, to continue and carry on a system of national and international relief in time of peace and to apply the same in mitigating the sufferings caused by pestilence, famine, fire, floods, and other great national calamities, and to devise and carry on measures for preventing the same.

Membership: 8,588,000 Junior members, 8,700,000 Senior members.

Meetings: Annual, in Washington, D. C.

Library: 5,000 volumes on the Red Cross and allied social fields.

Publications: Red Cross Courier, monthly, 1-20, 1922-1941, price \$1. Annual Report.

194. **American Nature Association.** *President:* Arthur N. Pack, Abiqui, N. Mex. *Secretary:* Richard W. Westwood, 1214 Sixteenth Street, Washington, D. C.

History: Organized 1922.

Object: To stimulate public interest in nature, and education in the natural sciences.

Membership: 80,000 members, annual dues \$3 domestic, \$4 foreign.

Library: 2,000 volumes on natural sciences.

Publications: Nature Magazine, 10 issues a year, price \$3, free to members. Bulletins, free.

195. **American Nature Study Society.** *President:* George J. Free, Pennsylvania State College, State College, Pa. *Secretary:* Harold I. O'Byrne, 2200 Hatton Lane, Brentwood, Mo. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1942.

History: Organized 1908. *Sections:* New York City, New Jersey, Pittsburgh. *Affiliated societies:* Bangor Bird Conservation Club, Inc.; St. Louis Nature Study Society; Webster Groves Nature Study Society.

Object: To promote nature education and avocation by means of research, publicity, and field excursions, and by stimulation and encouragement to nature leaders and organizations; and to work for the restoration of wild-life and conservation of natural resources.

Membership: Annual, Life, Honorary, Section, Affiliate, and Junior members. Annual dues \$1. Members, 200; 443 members in affiliated societies. List of members available.

Meetings: Annual, with the American Association for the Advancement of Science.

Research funds, medals, etc.: Grants are made for several summer camp scholarships of \$25 each. ANNA BORSFORD COMSTOCK SCHOLARSHIP FUND, which is now being established, will eventually provide college scholarships.

Publications: Nature Study Review, 1-19, 1905-1923. American Nature Study Society News, 1-3, 1938-1940.

196. **American Neisserian Medical Society.** 475 Commonwealth Avenue, Boston, Mass. *President:* R. A. Vonderlehr, U. S. Public Health Service, Washington, D. C. *Secretary:* Oscar F. Cox. Officers elected for one year; terms expire June, 1942.

History: Organized June 12, 1934, in Cleveland, Ohio.

Object: Clinical and laboratory research in the diagnosis, the medical and social pathology, and the treatment of gonorrhea, with a view to the reduction of its prevalence; the scrutiny of the management of gonorrhea in both male and female; dissemination among the medical profession and the public of authoritative information concerning gonorrhea.

Membership: Members, Corresponding, Junior, Honorary; annual dues \$5. Total membership 320. Membership list available.

Meetings: Annual.

Research funds, medals, etc.: P. S. PELOUZE AWARD, an annual prize of \$100 to be presented to the person under thirty-five years of age who, in the opinion of the Committee of Awards, has, during the preceding year, made the outstanding contribution to the control of the gonococcal infections.

Publications: Transactions, free to members.

197. **American Neurological Association.** 117 East 72nd Street, New York, N. Y. *President:* Lewis J. Pollock, 122 South Michigan Avenue, Chicago, Ill. *Secretary:* Henry Alsop Riley.

History: Organized 1875.

Object: The advancement of the neurological sciences.

Membership: Active members, 199; Associate, 32; Senior, 35; Honorary, 19. Entrance fee \$20, annual dues variable, according to budget requirements. List of members issued annually.

Meetings: Annual, at various places.

Publications: Transactions, 1875-1941, price \$3.50, free to members.

198. **American Numismatic Society.** 156th Street and Broadway, New York, N. Y. *President:* Stephen H. P. Pell. *Secretary:* Sydney P. Noe.

History: Organized 1858. The Society was inactive from October, 1859, to February, 1864, when it was revived under the name of the American Numismatic and Archaeological Society; name changed July, 1907, to present title. *References:* History of the Society, by Wm. R. Weeks, Proceedings, 1888-1892. Medals and Publications of the American Numismatic Society, with an Historical Sketch, published by the Society, 1915.

Object: The collection, preservation, and study of coins, medals, and decorations, the investigation of matters connected therewith, and the popularization of numismatics.

Membership: Fellows, annual dues \$15; Associates, \$5. List of members in Proceedings.

Meetings: Second Saturday in January, April, and November, at the rooms of the Society.

Library: 9,172 bound volumes, 5,184 pamphlets, 4,387 auction catalogues, covering coins, medals, and decorations, for the use of members, students, etc.

Research funds, medals, etc.: ARCHER M. HUNTINGTON MEDAL AWARD, presented annually in recognition of literary and other contributions to the science of numismatics. J. SANFORD SALTUS MEDAL AWARD, presented for achievement in the art of the medal.

Publications: American Journal of Numismatics, 1-53, 1866-1919. Proceedings, 1878-1907 as Proceedings of the American Numismatic and Archaeological Society of New York; prior to the 20th, 1878, not issued separately, brief notices of the Society were included in the American Journal of Numismatics; since 1932 published annually in format uniform with Numismatic Notes and Monographs. Numismatic Notes and Monographs, 1-91, 1920-1941, free to members. Numismatic Studies, 1-4, 1938-1941, half price to members for a limited time.

199. American Nurses' Association. *President:* Julia C. Stimson, R. N., 1790 Broadway, New York, N. Y. *Secretary:* Mary A. Hickey, R. N., Veterans Administration, Washington, D. C. Officers elected for two years; terms expire May, 1942.

History: Organized as the Nurses' Associated Alumnae of the United States and Canada in 1897; name changed to Nurses' Associated Alumnae of the United States in 1901; to present title in 1911. *Sections:* State Nurses' Associations have membership in the American Nurses' Association; these are located in the 48 states, the District of Columbia, the Territory of Hawaii, and Puerto Rico. The Freedmen's Hospital Alumnae Association, located in the District of Columbia, has direct membership in the American Nurses' Association. *Reference:* Brief Historical Review and Information about Current Activities of the American Nurses' Association, including Certain Facts Relative to the National League of Nursing Education.

Object: To promote the professional and educational advancement of nurses in every proper way; to elevate the standard of nursing education; to establish and maintain a code of ethics among nurses; to distribute relief among such nurses as may become ill, disabled, or destitute; to disseminate information on the subject of nursing; and to bring into communication nurses and associations of nurses in the United States.

Membership: Resident members in good standing in the State Nurses' Associations, State Nurses' Associations, and Honorary members. Annual dues from each State Nurses' Association, 50 cents per capita. Total membership 167,201, as of December 31, 1941.

Meetings: Biennial conventions, at place chosen by the Board of Directors.

Library: Approximately 1,800 volumes, and a large number of pamphlets and periodicals on nursing and health.

Research funds, medals, etc.: WALTER BURNS SAUNDERS MEMORIAL MEDAL AWARD, for distinguished service to the cause of nursing.

Publications: American Journal of Nursing, monthly, 1-41, 1900-1941, price \$3.

200. American Occupational Therapy Association. 175 Fifth Avenue, New York, N. Y. *President:* Everett S. Elwood, 225 South 15th Street, Philadelphia, Pa. *Executive Secretary:* Meta R. Cobb. Term of President expires 1944.

History: Organized and incorporated March, 1917, as the National Society for the Promotion of Occupational Therapy; present title adopted in 1922.

Object: To promote the use of occupational therapy, to advance the standards of education

and training in this field, to promote research, and to engage in any other activities that in the future may be considered advantageous to the profession and its members.

Membership: Sustaining members, 87, annual dues \$10; Active, 817, \$6; Associates, 312, \$3.

Meetings: Annual, at various places.

Publications: Archives of Occupational Therapy, 1-3, 1922-1924; name changed to Occupational Therapy and Rehabilitation, bimonthly, 4-, 1925-, price \$5, free to Sustaining and Active members.

201. American Oil Chemists Society. *President:* Wm. G. McLeod, Oscar Mayer and Company, Madison, Wis. *Secretary:* John C. P. Helm, 509 Poydras Street, New Orleans, La. Terms expire May, 1942.

History: Organized 1909 as the Cotton Products Analysts; name changed in 1920 to present title.

Object: To unite chemists in the promotion of the chemistry of fats, oils, waxes, soaps, and allied industries; to cultivate and promote friendly relations and interchange of constructive suggestions among members; to bring about a reasonable standardization of equipment, material, and method in chemical practice; and to foster and encourage chemical research and the production and distribution of chemical literature.

Membership: Active members, annual dues \$6; Associate, \$10; Honorary.

Meetings: Annual, at the place of and just previous to the meeting of the National Cotton Seed Products Association, in the spring; also a fall meeting each year for the Soap Industry Section.

Publications: Journal of the Oil and Fat Industries, 1-4, 1924-1927; continued as Oil and Fat Industries, 5-8, 1927-1931; continued as Oil and Soap, 9-18, 1932-1941, price \$2.50, free to members.

202. American Ophthalmological Society. *President:* Allen Greenwood, 82 Commonwealth Avenue, Boston, Mass. *Secretary:* Eugene M. Blake, 303 Whitney Avenue, New Haven, Conn. Term of President, elected for one year, expires June, 1942; of Secretary, indefinite.

History: Organized in New York City, 1865. *Object:* The advancement of the science and art of ophthalmology.

Membership: Members and Associate members, annual dues \$10. Total membership 190; limited to 225. List of members in Transactions.

Meetings: Annual, in May or June, at various places.

Research funds, medals, etc.: HOWE MEDAL, awarded for outstanding research in ophthalmology.

Publications: Transactions, annual, price \$10, free to members.

203. **American Optometric Association, Inc.** 518 Wilmac Building, Minneapolis, Minn. *President:* John E. Corbett, 41 Winter Street, Boston, Mass. *Secretary:* Ernest H. Kieknapp. Officers elected for one year; terms expire July, 1942.

History: Organized 1898 as the American Optical Association; name changed to present title in 1919.

Object: To unite reputable optometrists, to improve the science and art of optometry, to elevate its standard, and eventually to restrict its practice to properly qualified optometrists.

Membership: Active, Honorary, and Life members. Annual dues \$5. Total membership 7,000.

Meetings: Annual.

Research funds, medals, etc.: \$1,000 is devoted annually to a study of the vision of drivers of motor vehicles.

Publications: Journal of the American Optometric Association, monthly, 1-13, 1928-1941, price \$4, free to members.

204. **American Orchid Society.** *President:* Wharton Sinkler, Elkins Park, Pa. *Secretary:* Rodney Wilcox Jones, 100 Broadview Avenue, New Rochelle, N. Y. Officers elected for one year; terms expire May, 1942.

History: Organized in 1921.

Object: To aid the importation and improvement, by cultivation and hybridization, of exotic orchids; to preserve and perpetuate native orchids; to disseminate, by exhibitions, lectures, and publications, useful information concerning orchids; and to extend the knowledge, production, use, and appreciation of these flowers.

Membership: Members, annual dues \$5; Life members, payment of \$100; Corresponding and Honorary members. Total membership 755.

Meetings: Annual, at place chosen by the Society.

Research funds, medals, etc.: Medals and prizes from the general funds of the Society are awarded at exhibitions.

Publications: American Orchid Society Bulletin, monthly, 1-9, 1932-1941, price \$5, free to members.

205. **American Oriental Society.** *President:* W. Norman Brown, University of Pennsylvania, Philadelphia, Pa. *Secretary:* Ferris J. Stephen, 329 Sterling Memorial Library, New Haven, Conn. Officers elected for one year; terms expire April, 1942.

History: Founded 1842; incorporated 1843. Middle West Branch founded 1917.

Object: The encouragement of research and publication in Oriental languages, literature, history, and culture.

Membership: Corporate, Honorary, Honorary associate, and Life members; annual dues \$5. Total membership 843. List of members available for 75 cents.

Meetings: Annual, at various places.

Library: 6,000 volumes on Oriental studies.

Publications: Journal of the American Oriental Society, quarterly, 1-60, 1842-1941, price \$6, free to members. American Oriental Series (monographs), published at irregular intervals, 1-19, 1925-1941, price varies with each volume. Offprint Series, published at irregular intervals, 1-13, 1934-1941, price varies with each issue. Library of Ancient Semitic Inscriptions, v. 1, 1929.

206. **American Ornithologists' Union.** *President:* James P. Chapin, American Museum of Natural History, New York, N. Y. *Secretary:* Lawrence E. Hicks, Ohio State University, Columbus, Ohio. Officers elected for one year; terms expire September, 1942.

History: Organized September, 1883, in New York City; incorporated November, 1888, in Washington, D. C.

Object: The promotion of the science of ornithology.

Membership: Fellows, 49, limited to 50, annual dues \$5; Fellows Emeritus, 5, unlimited; Honorary Fellows, 25, limited to 25; Corresponding Fellows, 84, limited to 100; Members, 142, limited to 150, annual dues \$4; Associates, 1,700, unlimited, annual dues \$3; Life members, \$100; Patrons, \$1,000. Membership list available.

Meetings: Annual, in October or November, in different cities.

Research funds, medals, etc.: BREWSTER MEMORIAL MEDAL, capital \$7,250, income about \$300 annually, awarded annually for the most meritorious publication on American birds issued during the preceding six years.

Publications: Auk, quarterly, 1-, 1876-, price \$4, free to members.

207. **American Orthopaedic Association.** *President:* George Bennett, 4 East Madison Street, Baltimore, Md. *Secretary:* Charles W. Peabody, 474 Fisher Building, Detroit, Mich. Term of President, elected for one year, expires June, 1942; of Secretary, indefinite.

History: Organized 1887.

Object: Promotion of the science and art of bone and joint surgery.

Membership: Active, Emeritus, Honorary, and Corresponding members. Entrance fee \$25;

annual dues \$30, including subscription to the Journal. Membership by invitation only. Total membership 146. List of members available.

Meetings: Annual, at various places.

Research funds, medals, etc.: Research funds are appropriated for specific purposes.

Publications: Journal of Bone and Joint Surgery, quarterly, 1- , 1903- . Annual Report, free to members.

208. American Orthopsychiatric Association, Inc. 1790 Broadway, Room 916, New York, N. Y. *President:* Jacob Kasanin, Mt. Zion Hospital, Post and Scott Streets, San Francisco, Calif. *Secretary:* Norville C. LaMar, 149 East 73rd Street, New York, N. Y. Officers elected for one year; terms expire March, 1942.

History: Organized January 13, 1924, in Chicago.

Object: To unite, and to provide a common meeting ground for those engaged in the study and treatment of problems of human behavior; to foster research and to disseminate information concerning scientific work in the field of human behavior, including all forms of abnormal behavior.

Membership: Members, annual dues \$6; Fellows, \$10. Total membership 425. List of members available.

Meetings: Annual, at place determined.

Publications: American Journal of Orthopsychiatry, quarterly, 1-11, 1930-1941, price \$6, free to members.

209. American Osteopathic Association. 540 North Michigan Avenue, Chicago, Ill. *President:* Phil R. Russell, 602 Mid-Continent Building, Fort Worth, Tex. *Secretary:* R. C. McCaughan. Term of President, elected for one year, expires July, 1942; of Secretary, September, 1942.

History: Organized April, 1897, as the American Association for the Advancement of Osteopathy; name changed in 1901 to the present title. *Sections:* Acute Diseases, Art of Practice and Pediatrics; Eye, Ear, Nose, and Throat; Hernia; Internists; Nervous and Mental Diseases; Obstetrics and Gynecology; Osteopathic Manipulative Therapeutics; Orthopedics; Physical Therapy; Proctology; Technic.

Object: To promote the public health, and the science of the osteopathic school of practice of the healing art, by elevating and maintaining high standards of osteopathic education, advancing the profession's knowledge of surgery, obstetrics, and the prevention, diagnosis and treatment of disease in general; by stimulating original research and investigation; and by collecting and disseminating the results of such work.

Membership: Regular members, annual dues, first year in practice \$2, second year \$5, third year \$10, and annually thereafter \$20; Associates, no dues; Life members, payment of \$300. Total membership 5,537 as of June 1, 1941. Membership list in the annual Directory, price \$10.

Meetings: Annual, at different places.

Library: Osteopathy and allied sciences.

Research funds, medals, etc.: OSTEOPATHIC RESEARCH TRUST. RESEARCH FUND OF THE AMERICAN OSTEOPATHIC ASSOCIATION.

Publications: Journal, bimonthly for first year, then monthly, 1-39, 1901-1940, price \$5, free to members. Forum of Osteopathy, monthly, 1-14, 1927-1940, for members of the profession only. Osteopathic Magazine, monthly, 1-27, 1914-1940, price \$1 a year. Osteopathic Health, monthly, price \$1; vols. 1-51, 1901-1926 published commercially; acquired by the Association in 1926; published by volume and number to 1930, and since, by number only, July, 1940 being No. 127. Yearbook, price \$10, free to members.

210. American Otological Society, Inc. *President:* Ernest M. Seydell, Wichita, Kans. *Secretary:* I. Friesner, 101 East 73rd Street, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Organized July 22, 1868.

Object: The advancement of aural science and art.

Membership: Active members, 115; Senior, 32; Honorary, 9. The expenses of the Society are met by assessment, the amount of which is determined by the Society at the annual meeting.

Meetings: Annual, at various places.

Publications: Transactions, annual, 1- , 1869- , price \$5, free to members.

211. American Paper and Pulp Association. 122 East 42nd Street, New York, N. Y. *President:* J. L. Riegel, 342 Madison Avenue, New York, N. Y. *Secretary:* E. W. Tinker. Term of President, elected for one year, expires February, 1942; of Secretary, indefinite.

History: Organized 1878. *Divisional Associations:* Blotting Paper Manufacturers' Association; Book Paper Manufacturers' Association; Bristol Board Manufacturers' Group; Cardboard Manufacturers' Association; Cover Paper Manufacturers' Association; Glassine and Greaseproof Manufacturers' Association; Groundwood Paper Manufacturers' Association; Kraft Paper Association; National Leather Fibre Conference; Paper Shipping Sack Manufacturers' Association; Soda Pulp Manufacturers' Association; Specialty Paper and Board Affiliates; Sulphite Paper Manufacturers' Asso-

ciation; U. S. Pulp Producers' Association; Vegetable Parchment Manufacturers' Association; Writing Paper Manufacturers' Association.

Object: To promote the welfare of the paper and pulp manufacturing industry.

Membership: Active membership is vested in the trade associations consisting of companies engaged in the manufacture of paper, paperboard, or pulp; annual dues based on net sales value.

Meetings: Annual, in February, in New York City.

Publications: Monthly Statistical Summary, free to members.

American Park Society. See American Institute of Park Executives and American Park Society.

212. American Pediatric Society. *President:* Edwards A. Park, Johns Hopkins Hospital, Baltimore, Md. *Secretary:* Hugh McCulloch, 325 North Euclid Avenue, St. Louis, Mo. Terms expire June, 1942.

History: Organized September 18, 1888.

Object: The advancement of the knowledge of the physiology, pathology, and therapeutics of infancy and childhood.

Membership: Active members, entrance fee \$10, annual assessment determined at each meeting; Emeritus members; Honorary members; not to exceed 25; Corresponding members, not to exceed 25. List of members available.

Meetings: Annual, at various places.

Publications: Transactions, 1-50, 1888-1938; discontinued as a separate, now published annually in the American Journal of Diseases of Children.

213. American Peony Society. Northbrook, Ill. *President:* Earle B. White, Kensington, Md. *Secretary:* W. F. Christman. Officers elected for one year; terms expire June, 1942.

History: Organized 1903; incorporated July 2, 1904.

Object: To increase public interest in the peony by establishing a standard nomenclature, commending varieties of merit, organizing exhibitions, awarding prizes and medals, and publishing bulletins.

Membership: Open to all. Annual members, annual dues \$3; Life members. Total membership over 600. List of members in the Bulletin.

Meetings: Annual, at various places.

Research funds, medals, etc.: Gold, silver, and bronze medals, and first class and honorable mention certificates are awarded to stimulate competition in the production of better peonies.

Publications: Bulletin, quarterly, 1904-1941, free to members.

214. American Petroleum Institute. 50 West 50th Street, New York, N. Y. *President:* W. R. Boyd, Jr. *Secretary:* Lacey Walker. Terms expire November, 1942. Production Office, Dallas, Tex. Pacific Coast Office, 510 West Sixth Street, Los Angeles, Calif. Washington Representative, Munsey Building, Washington, D. C.

History: Organized and incorporated in 1919 in Washington, D. C. *Technical Divisions:* Production, Refining, and Marketing. *Departments:* Accident Prevention, Engineering, Statistics, Public Relations, and American Petroleum Industries Committee. *Reference:* The Story of the Institute, by W. R. Boyd, Jr., 1940.

Object: To afford a means of cooperation with the Government in all matters of national concern; to foster foreign and domestic trade in American petroleum products; to promote, in general, the interests of the petroleum industry in all its branches; and to promote the mutual improvement of its members and the study of the arts and sciences connected with the petroleum industry.

Membership: Individual members, annual dues \$10, with an additional fee of \$2 for enrollment in any division; Honorary members.

Meetings: There is an annual meeting in the fall and a mid-year meeting in the spring.

Library: Several thousand volumes on petroleum and allied subjects.

Research funds, medals, etc.: A five-year program of fundamental research was inaugurated in 1926, the work being supported by gifts and directed by the Institute's Committee on Fundamental Research. Funds financed more than forty different research projects through the establishment of fellowships at university and government laboratories. Since expiration of the five-year program, research projects have been continued, in a limited way, with funds contributed by various oil companies.

Publications: Annual Meeting Proceedings, 1-21, 1919-1940; issued in four sections covering General sessions, Production, Refining, and Marketing. Mid-Year Meeting Proceedings, 1-10, 1931-1940; issued in three or four sections; occasional additional section of proceedings of special group. Statistical Bulletin, weekly, 1-1920- , price \$12.50, free to members. Quarterly, price \$4, free to members.

215. American Pharmaceutical Association. 2215 Constitution Avenue, Washington, D. C. *President:* B. V. Christensen, Ohio State University, Columbus, Ohio. *Secretary:* E. F. Kelly. Officers elected for one year; terms expire August, 1942.

History: Organized 1852; incorporated February 21, 1888. *Sections:* Scientific, Education and Legislation, Practical Pharmacy, Economic and Historical. *Branches:* Balti-

more, Chicago, Washington, D. C., Michigan, New York, Northern New Jersey (Newark), Northern Ohio (Cleveland), North Pacific (Portland), Northwestern (Minneapolis), Philadelphia, Pittsburgh, and Western New York. *Student branches:* Alabama Polytechnic Institute, Connecticut College of Pharmacy, Ferris Institute, George Washington University, Loyola University, Louisville College of Pharmacy, Ohio State University College of Pharmacy, Pittsburgh College of Pharmacy, Purdue University School of Pharmacy, Rhode Island College of Pharmacy and Allied Sciences, St. John's University, Southern College of Pharmacy, State College of Washington, State University of Iowa College of Pharmacy, Temple University, University of California, University of Southern California, University of Florida, University of Mississippi.

Object: To advance the science and art of pharmacy and to improve the conditions of pharmaceutical practice.

Membership: Active, Associate, and Honorary members. Annual dues \$5, including a subscription to the Practical Pharmacy Edition of the Journal; \$6 including a subscription to the Scientific Edition; and \$7 including a subscription to both editions. Active members 4,500. Membership list available for \$1.

Meetings: Annual, at place selected.

Library: 7,500 volumes on pharmacy and related professions, sciences, and arts.

Research funds, medals, etc.: **EBERT PRIZE**, a medal awarded annually to the person who submits the best essay or written contribution containing an original investigation of a medicinal substance, determining new properties, or containing other meritorious contributions to knowledge, or for improved methods of determining merit, or for the preparation of chemical or pharmaceutical products. **RESEARCH FUND**, capital approximately \$100,000, the proceeds of which are granted as honoraria or awards to encourage investigation and research upon any subject relating in any way to pharmacy or the collateral sciences. **KILMER FUND**, a trust fund, the proceeds from which are used for a prize for work in pharmacognosy. **CENTENNIAL FUND**, the income from which is used to aid in the prosecution of original investigations.

Publications: *Proceedings*, 1-59, 1852-1911, price 50 cents to \$4. *Bulletin*, 1-6, 1906-1911. *Journal*, 1-28, 1912-1939; continued in two editions: *Journal*, Practical Pharmacy Edition, 1- , 1940- , price \$1.50, free to members. *Journal*, Scientific Edition, 29- , 1940- , price \$4, \$2 to members. *Bulletin*, National Formulary Committee, 7- , 1938- , price \$5. *Year Book*, 1-23, 1912-1934.

216. American Pharmaceutical Manufacturers' Association. 608 Fifth Avenue, New York,

N. Y. *President:* B. F. Ascher, George A. Breen and Company, Kansas City, Mo. *Secretary:* S. Barksdale Penick, Jr., 50 Church Street, New York, N. Y. Officers elected for one year; terms expire June, 1942.

History: Organized 1908. *Reference:* A Quarter Century of Progress in Manufacturing Pharmacy, by Birdsey L. Maltbie.

Object: To promote the welfare of pharmaceutical manufacturers.

Membership: Active members, pharmaceutical manufacturers, 76, annual dues based on sales; Associate members, suppliers to industry, 39, \$100.

Meetings: Two meetings a year.

Research funds, medals, etc.: An award is made each year to an outstanding scientist.

Publications: *Proceedings*, issued twice a year, free to members.

217. American Philological Association. *President:* Lily Ross Taylor, Bryn Mawr College, Bryn Mawr, Pa. *Secretary:* L. R. Shero, Swarthmore College, Swarthmore, Pa. Officers elected for one year; terms expire December, 1942.

History: Organized July 29, 1869; incorporated January 22, 1937. *References:* *Transactions*, 50: 5-32, 1919; *Proceedings*, 67: xxxiii-xxv, 1936.

Object: The advancement and diffusion of philological knowledge.

Membership: Annual, Life, and Institutional members; initiation fee, including first year's dues, \$5; annual dues, \$4. Total membership 1,065. List of members included in *Proceedings* and also issued separately.

Meetings: Annual, at various places.

Research funds, medals, etc.: **ENDOWMENT FUND**, capital \$30,000, income for 1940, \$1,325. **CHARLES J. GOODWIN FUND**, capital \$60,000, income for 1940, \$2,275, for publication.

Publications: *Philological Monographs*, irregular, 1-10, 1931-1941, price varies. *Transactions and Proceedings*, annual, 1-71, 1869/70-1941, price \$4, free to members.

218. American Philosophical Association. *President:* E. Jordan, Butler University, Indianapolis, Ind. *Secretary:* Cornelius Krusé, Wesleyan University, Middletown, Conn. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1944.

History: Organized 1900. *Sections:* Eastern, Western, and Pacific. *Reference:* *Philosophical Review*, 35: 145-158, 1926.

Object: To promote the interests of philosophy in all its branches.

Membership: Regular members are those who possess a Ph.D. degree in philosophy and

who are teachers of philosophy above the rank of assistant, annual dues \$2; Associate members are those who, lacking the foregoing qualifications, nevertheless have a deep interest in philosophy, \$3. In exceptional cases it is possible to waive the foregoing requirements for regular membership if an applicant has made a distinguished contribution to philosophy. Total membership 803. List of members available for \$1.

Meetings: Divisions meet annually; occasional joint meetings.

Research funds, medals, etc: CARUS LECTURES, established in honor of Paul Carus.

Publications: Proceedings and Addresses of the American Philosophical Association, price \$1.

219. American Philosophical Society held at Philadelphia for Promoting Useful Knowledge. Independence Square (entrance at 104 South Fifth Street), Philadelphia, Pa. *President:* Roland S. Morris. *Secretaries:* W. F. G. Swann and Benjamin D. Meritt. *Executive Officer:* Edwin G. Conklin.

History: Originated in Franklin's "Junto," a club of scientific men formed in 1727, and formally organized under the name of the American Philosophical Society in 1743. United January 2, 1769, under present title, with the American Society, outgrowth of the old Junto, which had still maintained its existence and whose views and ends were the same; and incorporated March 15, 1780.

Object: The promotion of useful knowledge.

Membership: Class I, Mathematical and Physical Sciences; II, Geological and Biological Sciences; III, Social Sciences; IV, Humanities. Total membership 505: 454 American, 51 foreign.

Meetings: Midwinter Meeting, in February; Annual General Meeting, in April; Autumn General Meeting, in November; a few special meetings throughout the year.

Library: 80,000 volumes. The Library is rich in files of transactions and proceedings of scientific and learned societies of the world and in scientific works, collections in Americana and Frankliniana. Circulation to members and by inter-library loan. Free to the public for reference.

Research funds, medals, etc.: PENROSE FUND FOR THE ADVANCEMENT OF KNOWLEDGE THROUGH INVESTIGATION, \$75,000 available annually for grants-in-aid of research. JOHNSON FUND, \$13,000 annually for grants-in-aid. DALAND FUND, \$7,000 annually for research in clinical medicine. MAGELLANIC FUND, the gift in 1786 of 200 guineas, by John Hyacinth de Magellan of London, for a gold medal to be awarded annually, under prescribed terms, to the author of the best discovery or most useful

invention relating to navigation, astronomy, or natural philosophy (mere natural history only excepted). HENRY M. PHILLIPS PRIZE ESSAY FUND, original capital \$5,000, the gift of Miss Emily Phillips, of Philadelphia, the income to be used in the awarding of a prize for the best essay of real merit on the science and philosophy of jurisprudence. JOHN F. LEWIS PRIZE, \$300, to be awarded to the American citizen who shall announce at any general or special meeting of the Society, and publish among its papers, some truth which the Council of the Society shall deem worthy of the award.

Publications: Proceedings, 1-84, 1838-1941, price \$3, free to members; early proceedings 1744-1838, from the manuscript minutes are in vol. 22, part 3. Transactions, irregular, 1-6, 1769-1809; n. s. 1-32, 1818-1941, price \$5. Memoirs, 1-16, 1935-1941, separately priced. Year Book, since 1937, price \$1.50.

220. American Physical Society. *President:* P. W. Bridgman, Harvard University, Cambridge, Mass. *Secretary:* Karl K. Darrow, Columbia University, New York, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized 1899. *Sections:* New England, 1932; Metropolitan, 1933; South-eastern, 1936; New York State, 1938; Ohio, 1940.

Object: The advancement and diffusion of the knowledge of physics.

Membership: Members, annual dues \$10; Fellows, \$14; Honorary members, exempt from all dues and assessments. Total membership about 3,800. List of members published every two years.

Meetings: Seven annually; the annual meeting at the time of the Christmas holidays, often in affiliation with the American Association for the Advancement of Science; four meetings generally held in New York City, Washington, and Chicago; two meetings on the Pacific Coast.

Publications: Bulletin, seven numbers a year, price \$5, free to members. Physical Review, semimonthly, 1-35, 1893-1912; ser. 2, 1-60, 1913-1941, price \$15 domestic, \$16.50 foreign. Physical Review Supplement, quarterly, 1, 1929; name changed with vol. 2 to Reviews of Modern Physics, 2-13, 1930-1941, price \$5, \$3 to members. All members of the Society receive without extra charge Science Abstracts: Physics Abstracts, or Electrical Engineering Abstracts.

221. American Physiological Society. *President:* Philip Bard, Johns Hopkins University, School of Medicine, Baltimore, Md. *Secretary:* C. J. Wiggers, 2109 Adelbert Road, Cleveland, Ohio. Officers elected for one year; terms expire April, 1942.

History: Founded December 30, 1887; incorporated 1923. Affiliated with the American Association for the Advancement of Science; it is one of the societies forming the Federation of American Societies for Experimental Biology, which was formed in 1913.

Object: The advancement of physiology and the facilitation of personal intercourse between American physiologists.

Membership: Ordinary members, any person who has conducted and published original researches in physiology, and who is continuing researches primarily in this field, and who is a resident of North America; Honorary; annual dues, usually \$1 or \$2. Total membership 763. List of members available for \$2.

Meetings: Annual, at various places.

Publications: American Journal of Physiology, monthly, 1-134, 1898-1941, three or four volumes a year, price \$7.50 a volume, 20% discount to members. Physiological Reviews, quarterly, 1-21, 1921-1941, price \$6, 10% discount to members. Federation Yearbook, price \$2.

222. American Physiotherapy Association.

President: Catherine Worthingham, 2120 Cowper Street, Palo Alto, Calif. **Secretary:** Evelyn Anderson, 5 Rico Way, San Francisco, Calif. Officers elected for two years, terms expire June, 1942.

History: Organized by a group of World War reconstruction aides in 1921 as the American Women's Physical Therapeutic Association; name changed in 1923 to present title.

Object: To establish and maintain a professional and scientific standard for those engaged in physical therapy.

Membership: Active members, annual dues \$8; Provisional, \$4; Associate, \$3; Inactive, \$3. Total membership 1,300. List of members available for 25 cents.

Meetings: Annual, at various places.

Research funds, medals, etc.: The National Foundation for Infantile Paralysis made a grant to this Association for a study of physical therapy in poliomyelitis during 1941-42.

Publications: Physiotherapy Review, bimonthly, 1-21, 1921-1941, price \$2.50, members' subscription included in annual dues.

223. American Phytopathological Society.

President: Lee M. Hutchins, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C. **Secretary:** C. C. Allison, Ohio State University, Columbus, Ohio. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, 1944.

History: Founded 1909; incorporated 1915. **Divisions:** Southern, Pacific, and New England.

The Canadian Division withdrew from the Society and organized itself a few years ago into the Canadian Phytopathological Society, with the good will of this Society.

Object: To promote the study of plant diseases and of the methods by which they may be controlled; to encourage and facilitate cooperation among plant pathologists; to hold meetings for the presentation and discussion of the results of research, the exchange of ideas and experience, and the consideration of methods and means of promoting research, instruction, extension work, and practical control work in the field of plant pathology; to cooperate in all practical ways with other scientific and technical organizations and agencies for the advancement of science and its applications; and to encourage and provide a channel for the publication of contributions to the world's knowledge of plant diseases and of methods for their suppression.

Membership: Annual dues, \$5. Total membership 1,128. List of members in Phytopathology.

Meetings: Annual meeting, held in conjunction with that of the American Association for the Advancement of Science; summer meetings are held by the Pacific Division and the New England Division; the Southern Division holds a winter meeting with the Association of Southern Agricultural Workers.

Publications: Phytopathology, monthly, 1-31, 1910-1941, price \$6 domestic, \$6.25 in Canada, \$6.50 in foreign countries, free to members. Phytopathological Classics, irregular, 1-6, price varies.

224. American Polar Society. American Museum of Natural History, Central Park West at 77th Street, New York, N. Y. **President:** Russell J. Walrath, New York Times, 229 West 43rd Street, New York, N. Y. **Secretary:** August Howard, 44 Bennett Avenue, New York, N. Y. Terms expire December 31, 1941.

History: Founded November 29, 1934.

Object: To band together, as a permanent group, persons interested in the history and exploration of the Arctic and Antarctic Regions, in order to act as a clearing house of polar information, to be of aid to organizers and members of polar expeditions, and to spread knowledge of the polar regions. Toward these ends the American Polar Society collects books, reports, maps, photographs, etc., relating to the polar regions and keeps in close touch with polar expeditions and persons and institutions throughout the world interested in polar matters.

Membership: Regular and Honorary members. Annual dues \$1. Total membership 451. List of members available.

Meetings: Three meetings a year, at the American Museum of Natural History.

Publications: Polar Times, 2 numbers a year, 1-12, 1935-1941, price 50 cents a number, free to members.

225. American Political Science Association. 105 Harris Hall, Northwestern University, Evanston, Ill. **President:** William Anderson, University of Minnesota, Minneapolis, Minn. **Secretary:** Kenneth Colegrove. Term of President, elected for one year, expires December, 1942; of Secretary, indefinite.

History: Organized 1903. **Reference:** Political Science Quarterly, 19: 107-111, 1925.

Object: The encouragement of the scientific study of politics, public law, administration, and diplomacy. The Association as such will not assume a partisan position upon any question of practical politics, nor commit its members to any position thereupon.

Membership: Regular, annual dues, domestic \$5, foreign \$5.50; Sustaining, \$10; Associate, \$3; \$3.50; Life, payment of \$100 at one time. Total membership 3,001. List of members available for \$5.

Meetings: Annual, at various places.

Publications: American Political Science Review, bimonthly, 1-35, 1906-1941, price \$5, \$3 to students.

226. American Pomological Society. **President:** T. J. Talbert, University of Missouri, Columbia, Mo. **Secretary:** H. L. Lantz, Station A, Ames, Iowa. Terms expire January, 1942.

History: Organized 1848 for the benefit of the fruit industry of the United States.

Object: The advancement of the science and art of pomology.

Membership: Annual, Life, Institutional, and Thirty-year Library members. Annual dues \$1.25.

Meetings: Annual, at various places.

Research funds, medals, etc.: WILDER MEDAL, awarded for new and improved fruit varieties, and to eminent horticulturists for outstanding service.

Publications: Proceedings.

227. American Potash Institute, Inc. 1155 Sixteenth Street, N. W., Washington, D. C. **President:** J. W. Turrentine. **Secretary:** J. D. Romaine. Officers elected for one year; terms expire January, 1943.

History: Organized July 1, 1935. **Sections:** Northeast, with headquarters in Washington, D. C.; Midwest, Lafayette, Ind.; South, Atlanta, Ga.; Western States, San Jose, Calif.; Canada, Hamilton, Ont. **Reference:** The American Potash Institute Reaches its Fifth Anniversary,

News Edition, American Chemical Society, 18: 654-656, 1940.

Object: To conduct and promote scientific agricultural research in plant nutrition, soil chemistry, agricultural economics, and statistics, with special reference to the agricultural use of potash salts; to publish and distribute scientific information relating thereto; and to collaborate with other scientific and educational institutions.

Membership: Staff of experienced agronomists, chemists, economists, editors, and librarians, totaling, with assistants, 39 members.

Meetings: As called by the President and Board of Directors.

Library: 93,000 books and pamphlets covering the field of agronomy, horticulture, and agricultural economics, with particular emphasis on potash and boron as related thereto.

Research funds, medals, etc.: Grants for cooperative scientific research on agricultural problems to thirty states and provinces, for the maintenance of fifty full-time fellowships, numerous part-time graduate research assistants, laboratory equipment and maintenance, supplies, travel, etc., aggregating yearly expenditures of about \$60,000; numerous prizes in agricultural schools and clubs; several hundred educational field demonstrations in fertility practices in collaboration with state educational and extension authorities.

Publications: Better Crops with Plant Food, 10 issues a year, 1-25, 1923-1941, 12 issues \$1, free to accredited list. Potash Journal, 6 issues a year, 1-5, 1937-1941, free to accredited list. Sectional news letters, irregular, free to accredited list.

228. American Poultry Association, Inc. 3030 Brady Street, Davenport, Iowa. **President:** Harry M. Lamon, Adams Center, N. Y. **Secretary:** Harry Atkins. Officers elected for two years; terms expire July, 1942.

History: Organized 1873; incorporated 1931. **Object:** To protect and promote the standard-bred poultry industry; to recognize and support national and regional breed improvement programs; to encourage and aid in the promotion of progressive and constructive programs having as their objective the improvement of any phase of the poultry industry; to subscribe to and assist in all movements aimed at the increased use of poultry and eggs; to cooperate actively with representative organizations that are directly or indirectly promoting the several segments of the poultry industry; to initiate of its own accord and actively assist other organizations in the development of national, regional, and state legislation having as its purpose the improvement of the general welfare of the poultry industry.

Membership: Annual members, entrance fee \$3, annual dues \$2; Life members, \$10. Total membership 3,500.

Meetings: Annual, at various places.

Publications: A. P. A. Quarterly, free to members.

229. American Proctologic Society. President: F. B. Campbell, 1210 Professional Building, Kansas City, Mo. **Secretary:** W. H. Daniel, 1030 Wilshire Boulevard, Los Angeles, Calif. Officers elected for one year; terms expire June, 1942.

History: Organized 1899.

Object: The promotion of the study of proctology.

Membership: Fellows, Honorary fellows, Associates, Honorary associates. Entrance fee \$25, annual dues \$15. Total membership 175. List of members available for \$5.

Meetings: Annual, in the same city in which the American Medical Association meets.

Publications: Transactions, annual, price \$5.

230. American Psychiatric Association. President: James K. Hall, Richmond, Va. **Secretary:** Winfred Overholser, St. Elizabeth's Hospital, Washington, D. C. Term of President expires May, 1942.

History: Organized 1844 as the Association of Medical Superintendents of American Institutions for the Insane; name changed 1892 to American Medico-Psychological Association; name changed 1921 to present title.

Object: The study of subjects pertaining to mental disease and defects.

Membership: Members, annual dues \$7; Associate members, \$5; Fellows, \$12; Corresponding members; Honorary. Total membership 2,700. List of members available.

Meetings: Annual, at various places.

Publications: American Journal of Insanity, 1-77, 1844-1921. Superseded by American Journal of Psychiatry, bimonthly, 1- , 1921- , price \$6, free to members. Yearbook.

231. American Psychoanalytic Association. President: Karl A. Menninger, Menninger Clinic, Topeka, Kans. **Secretary:** Leo H. Bartemeier, 8-259 General Motors Building, Detroit, Mich. Officers elected for one year; terms expire 1942.

History: Organized May 11, 1911. Sections: Washington-Baltimore section organized 1911; New York, 1911; Boston, 1931; Chicago, 1931; Philadelphia, 1937; Topeka, 1938; Detroit, 1940.

Object: The study and advancement of psychoanalytic science, and its application to the study and treatment of nervous and mental disease, as well as to pure psychology.

Membership: Constituent Society members, entrance fee \$50, annual dues vary; Individual members, annual dues \$5; Honorary members. Total membership 214. Membership list in the Bulletin, vol. 3, 1940.

Publications: Bulletin of the American Psychoanalytic Association, 1-3, 1937-1940. Transactions are published in the International Journal of Psychoanalysis, London, and the Psychoanalytic Quarterly.

232. American Psychological Association, Inc. President: Calvin P. Stone, Stanford University, Calif. **Secretary:** Willard C. Olson, University of Michigan, Ann Arbor, Mich. Term of President, elected for one year, expires September, 1942; of Secretary, elected for three years, September, 1943.

History: Founded 1892; incorporated in the District of Columbia 1925. Affiliated with the American Association for the Advancement of Science, the National Research Council, and the Social Science Research Council. **Affiliated organizations:** American Association for Applied Psychology, Eastern Psychological Association, Psychometric Society, Society for the Psychological Study of Social Issues, and the Rocky Mountain and Washington-Baltimore Branches of this Association.

Object: To advance psychology as a science.

Membership: Members, 683, those who have acceptable published research of a psychological character, and have received the degree of Doctor of Philosophy, based in part upon a psychological dissertation, annual dues \$10. Associates, 2,254, those who have had at least one full year of graduate work in psychology in a recognized graduate school and who, at the time of application, are devoting full time to professional or graduate work that is primarily psychological, or who have the degree of Doctor of Philosophy, based in part upon a psychological dissertation, and conferred by a graduate school of recognized standing; or scientists, educators or other distinguished persons whom the Council of Directors may recommend from sufficient reason, annual dues \$6. List of members published in the Yearbook.

Meetings: Annual, at various places.

Publications: Psychological Review, bimonthly, 1-48, 1894-1941, price \$5. Psychological Monographs, irregular, 1-53, 1895-1941, separately priced. Psychological Bulletin, monthly, except August and September, 1-38, 1904-1941, price \$7, free to members and associates. Journal of Experimental Psychology, bimonthly, 1-28, 1916-1941, price \$6. Psychological Abstracts, monthly, 1-15, 1927-1941, price \$6, free to members and associates. Journal of Abnormal and Social Psychology, quarterly, 1-36, 1906-1941, price \$5. Yearbook, including directory, price 50 cents.

233. American Public Health Association. 1790 Broadway, New York, N. Y. *President:* John L. Rice, 125 Worth Street, New York, N. Y. *Secretary:* Reginald M. Atwater. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Organized 1872. *Sections:* Health Officers, Laboratory, Vital Statistics, Engineering, Industrial Hygiene, Food and Nutrition, Maternal and Child Health, Public Health Education, Public Health Nursing, Epidemiology.

Object: To promote and protect public and personal health.

Membership: Members, annual dues \$5; Fellows, \$10; Sustaining, \$50; Life; Affiliated societies. Total membership 7,000. List of members available for \$1.

Meetings: Annual, at various places.

Library: Contributes to the support of the National Health Library.

Research funds, medals, etc.: SEDGWICK MEMORIAL MEDAL, awarded annually for distinguished service in public health.

Publications: American Journal of Public Health and The Nation's Health, monthly, 1911-1941, price \$5, free to members. Yearbook, price \$1.50.

234. American Public Works Association. 1313 East 60th Street, Chicago, Ill. *President:* Frederick T. Paul, City Engineer, City Hall, Minneapolis, Minn. *Acting Executive Director:* Norman Hebben. Term of President, elected for one year, expires October, 1942.

History: Organized in 1894. The American Public Works Association was formed by the consolidation in 1937 of the American Society of Municipal Engineers and the International Association of Public Works Officials. Prior to 1931, the American Society of Municipal Engineers was known as the American Society for Municipal Improvements, and prior to 1925, the International Association of Public Works Officials was known as the International Association of Street Sanitation Officials. The Association maintains local and state chapters in Chicago, Philadelphia, New Orleans, St. Louis, Rochester, and Michigan.

Object: The advancement of the theory and practice of the design, construction, maintenance, administration, and operation of public works facilities and services; the dissemination of information and experience upon, and the promotion of the encouragement of the adherence by public works officials to a high professional standard; and the professional and social improvement of its members.

Membership: Active, Associate, and Senior members. Annual dues \$10. Total membership 800. List of members in Yearbook.

Meetings: Annual; regional and chapter meetings are also held.

Library: Joint reference library, cooperatively maintained with other national governmental societies.

Research funds, medals, etc.: A research staff is maintained to make inquiry into the practices and experiences of other communities in connection with specific public works problems. Reports and bulletins are products of the research program.

Publications: Public Works Engineers' Newsletter, monthly, price \$1, free to members. Public Works Engineers' Yearbook, annual, 1895-1941, price \$3.50, free to members.

235. American Pulp and Paper Mill Superintendents Association, Inc. 54 North Main Street, Miamisburg, Ohio. *President:* Oscar Stamets, Millford, N. J. *Secretary:* Robert L. Eminger, Miamisburg, Ohio. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, June, 1944.

History: Organized in Appleton, Wis., 1919; incorporated in Ohio as a non-profit corporation in 1932. *Divisions:* Connecticut Valley, including Connecticut, Massachusetts, Rhode Island, Southern New Hampshire, and Vermont; Miami Valley, including Ohio, Eastern and Southern Indiana, and Southern Illinois; New York-Canadian, including Northern and Western New York, Eastern Province of Ontario, and Western Quebec; Northeastern, including Maine, New Hampshire, Vermont, Eastern Quebec, New Brunswick, Newfoundland, and Nova Scotia; Northwestern, including Northern Illinois, Northern Peninsula of Michigan, Wisconsin, Minnesota, Iowa, Kansas, and Western Ontario; Pacific Coast, including all states and Canadian provinces on the Pacific Coast; Pennsylvania-New Jersey, including Southern New York, Pennsylvania, New Jersey, Delaware, and Maryland; Southeastern, including the District of Columbia, Virginia, West Virginia, Georgia, North and South Carolina, and Tennessee; Southern, including Florida, Alabama, Mississippi, Louisiana, Arkansas, and Texas.

Object: To discuss matters of mutual interest and to assist in the solution of any problems confronting the pulp and paper industry and those allied therewith.

Membership: Active members, men actually employed in supervisory capacity in mills; Associate, mill managers or other titles actually in charge of production in mills; Honorary, by vote of Board of Trustees; entrance fee \$5, annual dues \$5. Total membership 827.

Meetings: Annual, at various places.

Library: A library is maintained covering pulp and paper, processes, raw materials, equipment, and supervision.

Research funds, medals, etc.: A grant was made to the University of Maine in 1928 in the interest of pulp and paper training. The capital is not to be expended, but the total income is available. A donation was made in 1931 to the Institute of Paper Chemistry.

Publications: Mimeograph copies of special reports and discussions are sent direct to members at intervals at no charge. Year Book and Program, 1920-1941, free to members, advertisers, mill executives, research laboratories, and public libraries of cities located in prominent pulp and papermaking centers in United States and Canada.

236. American Radio Relay League, Inc. 38 LaSalle Road, West Hartford, Conn. *President:* George W. Bailey, 74 Webster Road, Weston, Mass. *Secretary:* Kenneth B. Warner. Term of President, elected for two years, expires May, 1942; of Secretary, indefinite.

History: Organized 1914; incorporated January 28, 1915. There are nineteen divisions in the United States and Canada.

Object: The promotion of interest in amateur radio communication and experimentation; the relaying of messages by radio, without charge; and the advancement of the radio art.

Membership: Members, those who possess an amateur license, annual dues \$2.50 domestic, \$3 foreign; Associate members, those who have a real interest in radio, annual dues as for Members. Total membership 26,000.

Meetings: Divisional and state conventions are held annually under the sponsorship of local affiliated clubs.

Library: 250 volumes on radio, electronics, and television.

Publications: QST, monthly, 1-25, 1915-1941, price \$2.50, free to members. Radio Amateur's Handbook, annual, price \$1.

237. American Radium Society. *President:* Hayes E. Martin, 737 Park Avenue, New York, N. Y. *Secretary:* A. N. Arneson, 4952 Maryland Avenue, St. Louis, Mo. Officers elected for one year; terms expire June, 1942.

History: Organized 1916.

Object: To promote the scientific study of radium in relation to its physical properties and therapeutic application.

Membership: Active, Associate, and Honorary members, entrance fee \$25, annual dues \$15. Total membership 200. List of members available.

Meetings: Annual, at the time and place of the meeting of the American Medical Association.

Research funds, medals, etc.: JANEWAY MEDAL.

Publications: Arrangements have been made whereby members receive the American Journal of Roentgenology and Radium Therapy with payment of dues.

238. American Railway Bridge and Building Association. *President:* R. E. Dove, Union Station, Chicago, Ill. *Secretary:* A. G. Shaver, 310 South Michigan Avenue, Chicago, Ill. Officers elected for one year; terms expire October 22, 1942.

History: Organized 1891 as the Association of Railway Superintendents of Bridges and Buildings; name changed 1908 to present title. *Section:* New York City, organized in 1923.

Object: To bring together railroad men who are interested in the construction and maintenance of railroad bridges and buildings, and to advance their interests by increasing knowledge in this branch of engineering.

Membership: Active members, annual dues \$4; Life members. Total membership 607.

Meetings: Annual, in Chicago.

Publications: B. and B. News, quarterly, free to members. Proceedings, 1- , 1891- , price \$1.50.

239. American Railway Engineering Association. 59 East Van Buren Street, Chicago, Ill. *President:* F. L. C. Bond, Canadian National Railways, Toronto, Canada. *Secretary:* W. S. Lacher. Term of President expires March, 1942; of Secretary, indefinite.

History: Organized March 30, 1899, as the American Railway Engineering and the Maintenance of Way Association; incorporated in Illinois 1899; name changed in 1912 to present title.

Object: The advancement and dissemination of knowledge pertaining to the scientific and economic location, construction, maintenance, and operation of American railroads.

Membership: Members and Associates, entrance fee \$10, annual dues \$10. Total membership, approximately 2,000. Membership list available for \$1.

Meetings: Annual convention, in March, in Chicago, Ill.

Library: Volumes on railway engineering and operation.

Research funds, medals, etc.: Funds for various research projects are defrayed from voluntary contributions by railroads and others.

Publications: Bulletin, issued 7 times a year, 1- , 1900- , price \$8 to members, \$10 to non-members. Proceedings, annual, 1-42, 1900-1941. Manual of Recommended Practice, loose leaf, supplement issued each year, price \$10, supplement \$1.

240. American Refractories Institute. Railway Exchange Building, St. Louis, Mo. *Presi-*

dent: W. J. Westphalen. *Secretary:* Martha Buerkle, Oliver Building, Pittsburgh, Pa. Terms expire May, 1942.

History: Incorporated in Pennsylvania May 12, 1925.

Object: To promote the interests of manufacturers and consumers of refractory materials.

Membership: Active members, those engaged directly in the manufacture or sale, or allied with the manufacture or sale, of refractories; annual dues based on sales, with minimum of \$25. Associate members, not in any way engaged in activities such as Active members, annual dues \$25. Total membership 115.

Meetings: Semiannual, in May and October.

Research funds, medals, etc.: Fellowship with Mellon Institute, for research directed toward the improvement of refractories products.

Publications: Technical Bulletins, irregular, free to members and to a select complimentary mailing list; no subscriptions accepted from non-members.

241. American Rheumatism Association. *President:* W. Paul Holbrook, 4 East Congress Street, Tucson, Ariz. *Secretary:* A. R. Shands, Jr., Box 269, Wilmington, Del. Officers elected for one year; terms expire June, 1942.

History: Organized June, 1934, as the American Association for the Study and Control of Rheumatic Diseases; name changed to present title in 1937; incorporated May, 1939.

Object: To promote interest in rheumatism.

Membership: Active members, entrance fee \$5, annual dues \$2 to \$5. Total membership 264. List of members available.

Meetings: Annual, at the time and place of meeting of the American Medical Association.

Publications: Rheumatism Review, annual, 1-7, 1934-1941, price \$1, free to members.

242. American Road Builders' Association. International Building, 1319 F Street, N. W., Washington, D. C. *President:* H. G. Sours, Director of Highways, Columbus, Ohio. *Secretary:* Charles M. Upham.

History: Organized 1902 as the American Road Makers; name changed later to present title. *Divisions:* Engineers and Officials, County Officials, City Officials, Contractors, Manufacturers, Planning, Educational, Pan American, and European.

Object: To further educational and scientific work toward an adequate highway program.

Meetings: Annual Convention in January; Annual Business Meeting in May.

Publications: Road Builders' News, monthly, price \$2. Convention Proceedings, price \$10 to non-members, nominal charge to members depending upon the volume of material.

243. American Rock Garden Society. 432 Fourth Avenue, New York, N. Y. *President:* Walter D. Blair, Cobb Lane, Tarrytown, N. Y. *Secretary:* Dorothy E. Hansell. Term of President, elected for two years, expires April, 1942; of Secretary, elected for one year, April, 1942.

History: Organized March 15, 1934. *Sections:* Middle Atlantic Region, New England Region, Rocky Mountain Region, South Atlantic Region, North Central Region, Washington Region.

Object: To encourage good design and construction of rock gardens, to promote interest in and disseminate information on the cultivation of plants suitable for rock gardens under local conditions, to further the adoption of correct nomenclature, to hold meetings and exhibitions, and to encourage and promote plant exploration.

Membership: Active members, annual dues \$3.50; Sustaining, \$10; Life, payment of \$100. Total membership 410. List of members in Yearbook.

Meetings: Annual.

Publications: Yearbook, free to members, 75 cents to non-members. The official organ of the Society is the Gardeners' Chronicle of America, published monthly.

244. American Rocket Society, Inc. 1 East 42nd Street, Room 606, New York, N. Y. *President:* H. Franklin Pierce, 1462 Leland Avenue, Bronx, N. Y. *Secretary:* Lovell Lawrence, Jr., 37-06 Eighty-first Street, Jackson Heights, Long Island, N. Y. Officers elected for one year; terms expire March, 1942.

History: Organized April, 1930, as the American Interplanetary Society; name changed April, 1932, to present title.

Object: The development of rockets for scientific and commercial purposes, with the view of exploring the upper atmosphere, and the transportation of mail, express, and possibly passengers for long distances at high velocities.

Membership: Active members, annual dues \$7.50; Associate, \$3; Junior, \$1.50. Total membership 350.

Meetings: Monthly, at 29 West 39th Street, New York City.

Library: 100 volumes on rockets, invention, physics, chemistry, aerodynamics, and engineering.

Publications: Astronautics, quarterly, 1930-1941, price \$2, free to members.

245. American Roentgen Ray Society. *President:* William M. Doughty, 927 Carew Tower, Cincinnati, Ohio. *Secretary:* H. Dabney Kerr, University Hospital, Iowa City,

Iowa. Officers elected for one year; terms expire September, 1942.

History: Organized 1900 as the Roentgen Society of the United States; incorporated 1922 in the District of Columbia; name changed 1906 to present title.

Object: The advancement of the science of radiology and its maintenance as a specialty in medicine.

Membership: Active members, requiring an M.D. from an approved school of medicine, five years' training or experience in the U. S. or Canada limited to the specialty, certification by the American Board of Radiology, endorsement by two active members and two other physicians, and a thesis on a pertinent subject acceptable to the Executive Council, entrance fee \$25, annual dues \$15; Associate members, recognized scientists in allied fields, annual dues \$10; Corresponding members, annual dues \$10. Total membership 508. List of members available.

Meetings: Annual, in various portions of the United States or Canada.

Library: Periodicals and books on radiology and allied subjects.

Research funds, medals, etc.: CALDWELL LECTURE, delivered annually, established in memory of a late president and pioneer in roentgenology, Dr. Eugene W. Caldwell. A gold, a silver, and a bronze medal and certificate of merit may be given annually for original investigation and/or excellence of presentation of scientific exhibit.

Publications: Transactions, 1903-1908. American Quarterly of Roentgenology, 1-5, 1906/7-1912/13; name changed to American Journal of Roentgenology, monthly, n.s., 1-9, 1913-1922; became American Journal of Roentgenology and Radium Therapy, 10-45, 1922-1941, price \$10, included in dues of members.

246. American Rose Society. *President:* A. F. Truex, 3150 South Zunis Avenue, Tulsa, Okla. *Secretary:* R. Marion Hatton, Box 687, Harrisburg, Pa. Term of President, elected for two years, expires December, 1943; of Secretary, indefinite.

History: Organized March 13, 1899; incorporated July 7, 1921.

Object: To increase the general interest in the cultivation of the rose and to improve its standard of excellence; to foster, stimulate, and increase the production of improved varieties; to organize exhibitions; to promote the organization and affiliation of local rose societies in the United States and Canada; to establish fraternal relations with national rose societies in all parts of the world; to foster the establishment and maintenance of rose-test gardens and municipal rose-gardens in America; to issue publications which will best promote the growth

and improvement of the rose; to stimulate and conduct hybridization for rose improvement and other research work in regard to insects and diseases inimical to the rose.

Membership: Annual members, annual dues \$3.50; Sustaining, \$10; Commercial, \$10; Life, \$60. Total membership, about 3,600.

Meetings: Annual, at various places.

Library: 100 books on roses and rose growing.

Research funds, medals, etc.: Various prizes are awarded for excellence and origination of roses.

Publications: American Rose Magazine, bi-monthly, 1- , 1936- , free to members. American Rose Annual, 1- , 1916- .

247. American-Scandinavian Foundation. 116 East 64th Street, New York, N. Y. *President and Secretary:* Henry Goddard Leach.

History: Informally organized in New York City as the American-Scandinavian Society. Incorporated in 1911 under present title. Associated societies in the Scandinavian Countries: Sverige-Amerika Stiftelsen, Stockholm; Danmark Amerikanske Selskab, Copenhagen; Norge Amerika Fondet, Oslo; and Islenzk-Ameriska Félagid, Reykjavik.

Object: To better the intellectual relations between the American and Scandinavian people, by means of an exchange of students, publications, and a bureau of information.

Membership: Regular associates, annual dues \$3; Sustaining associates, \$10; Life associates, entrance fee \$200, annual dues, none.

Library: 3,000 volumes on Scandinavia.

Research funds, medals, etc.: Capital fund, approximately \$500,000; the income together with the income from annual dues, donations for special purposes, etc., is used for maintenance of the publications of the Foundation, an exchange of fellowships, an information service, etc.

Publications: American Scandinavian Review, quarterly, 1- , 1913- , free to Associates. Scandinavian Classics, 43 volumes have appeared, not more than 2 volumes published annually, price \$3 to \$4 per volume, free to Sustaining and Life associates. Scandinavian Monographs, 5 volumes have appeared, price \$5 to \$8 per volume, free to Life associates.

248. American School Health Association. Kent State University, Kent, Ohio. *President:* E. E. Kleinschmidt, Loyola University Medical School, Chicago, Ill. *Executive Secretary:* A. O. DeWeese. Officers elected for one year; terms expire October, 1942.

History: Organized in 1927 as American Association of School Physicians; name changed in 1938 to present title.

Object: To promote comprehensive and constructive school health programs, including the teaching of health, health services, and healthful school living.

Membership: Composed of doctors, dentists, nurses, and health educators; entrance fee \$2, annual dues, domestic \$2, foreign \$2.50. Total membership 1,500.

Meetings: Annual, at various places.

Publications: Journal of School Health, monthly, 1- , 1927- , price \$2, free to members.

249. American Schools of Oriental Research.

409 Prospect Street, New Haven, Conn.

President: Millar Burrows, Yale University, New Haven, Conn. **Secretary:** Henry J. Cadbury, Harvard University, Cambridge, Mass. Officers elected for one year; terms expire December, 1942.

History: Organized 1900 as the American School of Oriental Study and Research in Palestine; incorporated 1921 under present title. **Sections:** Schools in Jerusalem and in Baghdad.

Reference: Annual of the American Schools of Oriental Research, 6: 1-12, 1926.

Object: To promote the better understanding of the languages, history, archaeology, and cultures of the ancient Near East.

Membership: Corporation members, 61, annual dues \$100; Life, 11, contribution of \$1,000 or more at one time; Patrons, 5, annual dues \$100; Sustaining, 11, \$25; Contributing, 43, \$10; Associate, 260, \$5.

Meetings: Two meetings a year; Christmas week, Union Theological Seminary, New York City; March or April with the American Oriental Society.

Library: About 10,000 volumes on Bible, ancient languages, history, archaeology, culture, etc., in the libraries in Jerusalem and Baghdad.

Research funds, medals, etc.: JOHN HENRY THAYER FELLOWSHIP, \$1,000; TWO BROTHERS FELLOWSHIP, income from \$30,000; ALBERT T. CLAY FELLOWSHIP; JAMES B. NIES FELLOWSHIP; MORRIS JASTROW JR. FELLOWSHIP. An archaeological laboratory is maintained in the Jerusalem School.

Publications: Bulletin of the American Schools of Oriental Research, quarterly, 1-82, 1919-1941, price \$1 a year, free to members. Biblical Archaeologist, quarterly, 1-4, 1938-1941, price 50 cents a year. Annual of the American Schools of Oriental Research, price \$2.50.

250. American Science Teachers Association.

President: Morris Meister, 184th Street

and Creston Avenue, New York, N. Y. **Secretary:** Deborah M. Russell, State Teachers College, Framingham, Mass. Officers elected for one year; terms expire January, 1943.

History: An associated organization of the American Association for the Advancement of Science since December 28, 1936.

Object: To encourage and coordinate the development of science teaching through existing organizations of science teachers and other educational agencies.

Membership: Each of the twenty-one affiliated organizations has one Director for every hundred members, annual dues for each Director \$5; Direct members, \$1.

Meetings: Annual, at the time of the winter meeting of the American Association for the Advancement of Science.

251. American Shore and Beach Preservation Association.

1060 Broad Street, Newark,

N. J. **President:** J. Spencer Smith, 60 Hudson Street, New York, N. Y. **Secretary:** Peter J. Gannon. Officers elected for one year; terms expire December, 1941.

History: The organization was initiated October 14, 1926, at a meeting called by the Governor of New Jersey at the instigation of the Committee on Shoreline Investigations of the National Research Council, and perfected December 8, 1926, in Washington, D. C.

Object: To bring together for cooperation and mutual helpfulness the many agencies, interests, and individuals concerned with the protection and proper utilization of these lands, and in all legitimate ways to foster that sound, far-sighted, and economical development and preservation of the lands which will aid in placing their benefits within the reach of the largest possible number of our people.

Membership: Corporate, annual dues \$100; Sustaining, \$25; Individual, \$5.

Meetings: Two or three times a year. Annual meeting in Washington, D. C.; other meetings generally in coastal cities.

Publications: Shore and Beach, quarterly, 1-9, 1933-1941, price \$2, free to members.

252. American Social Hygiene Association, Inc.

1790 Broadway, New York, N. Y. **President:**

Ray Lyman Wilbur, Stanford University, Calif. **Executive Director:** Walter Clarke.

History: Formed 1913, by union of the American Vigilance Association, organized January, 1912, and the American Federation for Sex Hygiene, organized June, 1910; incorporated 1914. In 1918 it absorbed the New York Social Hygiene Society, organized 1916. **Reference:** The Growth of Voluntary Health Agencies, by William F. Snow, Journal of Social Hygiene, 21, no. 1, 1935.

Object: To inform the public about the national program and needed community action; to combat syphilis and gonorrhea as dangerous communicable diseases; to fight prostitution as

an organized business; and to improve other unwholesome conditions, particularly community conditions which lead to sex delinquency among young people; to promote, from childhood on, sound sex education and training for marriage and parenthood, and by all these means to protect and improve the American family as the basic social institution. The Association undertakes to promote its program in the forty-eight states and insular possessions of the United States in line with these purposes, working through the membership, the National Education Committee, the National Anti-Syphilis Committee and state and local branches of these committees, state and community social hygiene societies, and other national voluntary agencies which include social hygiene in their state and community program; and cooperating with federal, state, and city governmental agencies. The Association also works through the educational facilities of home, church, school, press, radio, stage, and motion pictures; and through direct contact with the public by letter and personal interview. Association services include personnel for advice, consultation, and field work including state and community surveys; and distribution of books, pamphlets, exhibits, films, periodicals, and other materials. Other important projects are the National Social Hygiene Day and special services to youth. Divisional offices function in Chicago, New Orleans, San Francisco, and Washington, D. C.

Membership: Annual dues \$2; 50 cents additional for foreign members in order to cover postage. Total membership, about 10,000.

Meetings: Annual, in New York City; regional social hygiene conferences are also held in other cities.

Library: 6,000 volumes and 17,000 pamphlets on social hygiene comprise a small specialized library in the Association's headquarters; the general library has been merged with those of the other member organizations of the National Health Council at the same address.

Publications: Journal of Social Hygiene, monthly except July, August, and September, price \$3 a year. Social Hygiene News, monthly.

253. American Society for Clinical Investigation. *President:* William Dock, Stanford University, San Francisco, Calif. *Secretary:* E. M. Landis, Hospital of the University of Virginia, Charlottesville, Va. Officers elected for one year; terms expire May, 1942.

History: Organized 1908 at Atlantic City, N. J., as the American Society for the Advancement of Clinical Investigation; name changed 1916 to present title.

Object: The cultivation of clinical research by the methods of the natural sciences, the unification of science and the practice of medicine, the encouragement of scientific investigation by

the practitioner, and the diffusion of a scientific spirit among members.

Membership: Annual dues determined from year to year by the Council in accordance with the needs of the Society. Active members, about 200; any practicing physician residing in the United States or Canada who has accomplished a meritorious original investigation in the clinical or allied sciences of medicine, and who enjoys an unimpeachable moral standing in the medical profession, may be nominated by two active members for active membership. Emeritus members, those who have passed the age of forty-five. List of members published triennially in the Catalogue.

Meetings: Annual, on the day preceding the meeting of the Association of American Physicians. In recent years meetings have been held in Atlantic City on the Monday preceding the first Tuesday in May.

Publications: Proceedings of the Society have been published in the earlier years as a separate publication; from 1917 to 1925 they appeared in the Journal of the American Medical Association; from 1925 on, in the official organ of the Society. Journal of Clinical Investigation, bimonthly, 1- , 1924- , price \$10, included in annual dues.

254. American Society for Experimental Pathology. *President:* Jesse L. Bollman, Mayo Clinic, Rochester, Minn. *Secretary:* H. P. Smith, State University of Iowa, Iowa City, Iowa. Officers elected for one year; terms expire April, 1942.

History: Founded 1913.

Object: The advancement of experimental pathology.

Membership: American investigators who are current contributors to the science of pathology. Active and Honorary members. Annual dues \$1.50. Total membership 290. List of members in Yearbook of the Federation of American Societies for Experimental Biology.

Meetings: Annual, at various places.

255. American Society for Horticultural Science. *President:* J. C. Miller, Louisiana State University, University, La. *Secretary:* H. B. Tukey, New York State Experiment Station, Geneva, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized 1903 as the Society for Horticultural Science. Name changed 1916 to present title.

Object: To promote the science of horticulture.

Membership: Members must have the equivalent of a baccalaureate degree and hold an official position in horticultural work. Active

and Associate members, annual dues \$5. Total membership 740. List of members available.

Meetings: Annual, at time and place of meeting of the American Association for the Advancement of Science.

Publications: Proceedings, semiannual, 1-39, 1903-1941, price \$6 plus postage, free to members.

256. American Society for Measurement and Control. *President:* R. J. S. Pigott, Gulf Research and Development Company, P. O. Box 2038, Pittsburgh, Pa. *Secretary:* L. M. Susany, Carnegie Institute, 4400 Forbes Street, Pittsburgh, Pa. Term of President, elected for one year, expires October 1, 1942; of Secretary, elected for two years, 1943.

History: Organized August 7, 1939, as the American Society of Instrument Engineers; reorganized November, 1939, under present title.

Object: The exchange and increase of information on instruments, regulators, and controllers; such as, pressure and temperature instruments, flow and process controllers, etc.

Membership: Senior members, must be at least thirty-two years of age, in active practice for ten years or more, and in responsible charge of important work for five years or more; Members, any person engaged in the design, manufacture, or use and operation of instruments and control systems or interested therein. Total membership 60. List of members available.

Meetings: Monthly, except during July and August, at the Mellon Institute.

Publications: Papers given at meetings are generally published in *Instruments*, which is the official organ of the Society.

257. American Society for Metals. 7301 Euclid Avenue, Cleveland, Ohio. *President:* Bradley Stoughton, Lehigh University, Bethlehem, Pa. *Secretary:* W. H. Eisenman. Term of President, elected for one year, expires October 15, 1942; Secretary elected every two years.

History: In 1920 the Steel Treating Research Society and the American Steel Treating Society amalgamated and formed a society known as the American Society for Steel Treating. In 1933 the name was changed to the present title. *Sections:* There are fifty-two chapters in the United States and Canada.

Object: The promotion of the arts and sciences connected with the manufacture and the treatment of metals.

Membership: Members, Junior members, and Sustaining members. Annual dues \$10 domestic, \$13 foreign. Total membership 12,500.

Meetings: Annual convention, at various places; monthly chapter meetings.

Library: 1,000 volumes on metallurgy.

Research funds, medals, etc.: HENRY MARION HOWE MEDAL, awarded to the author of the best paper published in the *Transactions*. ALBERT SAUVEUR ACHIEVEMENT AWARD, for metallurgical research proven in time to have affected industry.

Publications: *Transactions*, quarterly, 1-21, 1920-1941. *Metal Progress*, monthly, 1-40, 1930-1941. *Review*, monthly, 1-14, 1930-1941. *Metals Handbook*, irregular, 6th edition, 1939. Publications are free to members.

258. American Society for Pharmacology and Experimental Therapeutics, Inc. *President:* E. M. K. Geiling, University of Chicago, Chicago, Ill. *Secretary:* Raymond N. Bieter, University of Minnesota, Minneapolis, Minn. Officers elected for one year; terms expire April, 1942.

History: Founded December 28, 1908; incorporated 1934. This Society is one of those which form the Federation of American Societies for Experimental Biology.

Object: To promote pharmacology and experimental therapeutics, and to facilitate personal intercourse between investigators who are actively engaged in research in these fields.

Membership: Active investigators in pharmacology and experimental therapeutics, annual dues \$3. Total membership 267. Membership list in *Federation Yearbook*, price \$2.

Meetings: Annual, at various places.

Publications: *Journal of Pharmacology and Experimental Therapeutics*, monthly, 1-72, 1909-1941, 3 volumes a year, price \$5 a volume.

259. American Society for Psychical Research, Inc. 40 East 34th Street, New York, N. Y. *President:* George H. Hyslop. *Secretary:* Mrs. John J. Whitehead, Jr. Terms expire 1942.

History: Organized January 8, 1885, as the American Society for Psychical Research; it became a branch of the Society for Psychical Research (England) 1889-1904. In 1904 it was incorporated as Section B of the American Institute for Scientific Research. Corporate name changed to present title in 1922.

Object: The investigation of all types of psychic phenomena and the collection of material bearing on the subject; the publication of reports dealing with such phenomena; the maintenance of a library on all subjects embraced in psychic research and bordering thereon; and the encouragement of the formation of local groups in all parts of the country.

Membership: Founders, upon payment of \$5,000; Patrons, \$1,000; Life Fellows, \$500; Life members, \$200; Life associates, \$100; Memorial members, \$200; Memorial associates,

\$100; Fellows, annual dues \$25; Members, \$10; Associates, \$5.

Meetings: Trustees meet every month except July, August, and September.

Library: About 6,000 volumes on psychic research and general psychology.

Research funds, medals, etc.: GENERAL ENDOWMENT FUND, capital about \$200,000.

Publications: Journal, quarterly, 1-, 1907-, price \$5, free to Associates and Members and on exchange with similar publications. Proceedings, 1-5, 1885-1889; new series, 1907-1940.

American Society for Public Administration.

See No. 1264 in Addenda.

260. American Society for Testing Materials.

260 South Broad Street, Philadelphia, Pa. *President:* G. E. F. Lundell, National Bureau of Standards, Washington, D. C. *Secretary:* C. L. Warwick. Term of President, elected for one year, expires 1944; of Secretary, indefinite.

History: Organized June 16, 1898, as the American Section of the International Association for Testing Materials; incorporated March, 1902, under present title.

Object: The promotion of knowledge of the materials of engineering, and the standardization of specifications and methods of testing. As of June 1, 1941, over 952 standard specifications, tests, and definitions have been issued.

Membership: Members, entrance fee \$10, annual dues for members that are companies, firms, corporations, industrial associations, or commercial testing laboratories \$30, for all other members \$15; Junior members, entrance fee \$5, annual dues \$7.50; Student members, annual dues \$1.50; Sustaining members, annual dues \$100; Honorary members. Total membership 4,500, not including over 450 student members, nor 1,300 technical men and engineers serving on A.S.T.M. standing committees as representatives of company and sustaining memberships.

Meetings: Annual meeting, held during the latter half of June at a place determined by the Executive Committee; Spring meeting and A.S.T.M. Committee Week, held during the first week of March each year; six to twelve district meetings held under the sponsorship of district committees in leading industrial centers.

Research funds, medals, etc.: AMERICAN SOCIETY FOR TESTING MATERIALS RESEARCH FUND. The principal of this fund, which was set up by the Society, is now \$29,500, the income of which is used to further research investigations. CHARLES B. DUDLEY MEDAL, awarded annually to the author or authors of a paper presented before the Society of outstanding merit constituting an original contribution on research on the properties of materials and testing. EDGAR MARBURG LECTURE, the purpose of which is to have described to the So-

ciety by leaders in their respective professions, outstanding developments in the promotion of knowledge of engineering materials; it carries an honorarium of \$200 and a suitably engraved certificate. There are over 115 formal research projects being carried out under Society auspices.

Publications: A.S.T.M. Standards and Tentative Standards (combined), triennial, in November: Part 1, Metals; Part 2, Nonmetallic Materials—Constructional; Part 3, Nonmetallic Materials—General. Supplements issued during intervening years. Price, any one Part, \$8, any two Parts, \$15, all three Parts, \$22. Members receive any one Part on their membership, any two Parts for \$1.50 yearly, or all three Parts for \$2.50 yearly. Each edition contains all of the Standards and Tentative Standards in effect at the time of its publication so that earlier editions become obsolete on the appearance of the new edition. Index to Standards and Tentative Standards, free to members. Proceedings, issued in December in one part which covers committee reports and technical papers, 1898-, price \$9, free to members. A.S.T.M. Bulletin, 6 times a year at approximately bimonthly intervals, price \$1.50 a year, free to members.

261. American Society for the Control of Cancer, Inc.

350 Madison Avenue, New York, N. Y. *President:* John J. Morton, Strong Memorial Hospital, Rochester, N. Y. *Secretary:* Frank E. Adair, 75 East 71st Street, New York, N. Y. Officers elected for one year; terms expire March, 1942.

History: Organized May 22, 1913; incorporated May 8, 1922, under laws of New York State.

Object: To collect, collate, and disseminate information concerning the symptoms, diagnosis, treatment, and prevention of cancer; to investigate the conditions under which cancer is found and to compile statistics in regard thereto; to organize and administer the Women's Field Army; to aid voluntarily indigent cancer patients in securing adequate diagnosis or treatment in cooperation with accredited physicians; to assist voluntarily in the establishment, development, equipment or maintenance of hospitals, clinics, laboratories, or other facilities for the care of cancer patients; and generally to carry on any other activities which may contribute toward the control of cancer, except the actual treatment of cancer patients or the actual operation of hospitals, clinics, laboratories or other facilities for such treatment.

Membership: Members, annual dues \$5. Total membership approximately 1,200. Among the Society's forty-seven State organizations there are approximately 250,000 enlisted members in the State and Local Divisions of the

Women's Field Army of the American Society for the Control of Cancer, who pay \$1 or more a year.

Meetings: The Executive Committee meets monthly, except July, August, and September, at the Society's headquarters; the Board of Directors meets annually, at various places.

Publications: Monthly Bulletin, 1916-1941, price \$1, free to members.

262. American Society for the Hard of Hearing. 1537 Thirty-Fifth Street, N. W., Washington, D. C. *President:* James R. Garfield, Midland Building, Cleveland, Ohio. *Secretary:* Frederick N. Sperry, 107 Whitney Avenue, New Haven, Conn. *Executive Director:* Betty C. Wright. Terms of President and Secretary, elected for one year, expire 1942.

History: Organized April 2, 1919, as the American Association for the Hard of Hearing; name changed 1922 to the American Federation of Organizations for the Hard of Hearing, Inc.; changed again in 1935 to present title. *Zones:* Eastern, Middle Atlantic, Central, Southeastern, Southwestern, Western, Northwestern, and Pacific.

Object: To serve as an information center on problems of defective hearing; to improve educational, economic, and social conditions among both adults and children whose hearing is impaired; and to stimulate scientific efforts in the prevention of deafness and the conservation of hearing.

Membership: Regular members, annual dues \$2 or more; Active, \$3 or more; Contributing, \$10 or more; Life, \$50 paid in one year. Total membership 7,300.

Meetings: National conferences are held biennially; zone conferences in alternate years; annual business meetings.

Research funds, medals, etc.: KENFIELD MEMORIAL FUND SCHOLARSHIP, \$50 to \$75 a year, to give training courses to teachers of hard of hearing adults.

Publications: Federation News, 1933-1935; continued as The News, October-November 1935; continued as Hearing News, monthly, 1935-41, price \$2, free to members. Proceedings of National Conferences, 1921-1940, price \$1.

263. American Society for X-Ray and Electron Diffraction. *President:* B. E. Warren, Massachusetts Institute of Technology, Cambridge, Mass. *Secretary:* George Tunell, Geophysical Laboratory, 2801 Upton Street, Washington, D. C. Officers elected for one year; terms expire December, 1942.

History: Organized July 30, 1941, at Gibson Island, Md. *Reference:* Science, 94: 16, 1941.

Object: To promote progress in the use of X-ray diffraction and electron diffraction meth-

ods for the study of the structure and composition of matter.

Membership: Annual dues \$1.50. Total membership 192.

Meetings: Held at times and places designated by the Council.

264. American Society of Agricultural Engineers. 505 Pleasant Street, St. Joseph, Mich. *President:* George W. Kable, 24 West 40th Street, New York, N. Y. *Secretary:* Raymond Olney. Officers elected for one year, terms expire June, 1942.

History: Founded December 28, 1907, at the University of Wisconsin, Madison, Wis. *Regional divisions:* Pacific Coast, North Atlantic, Southwest, and Southern; *State divisions:* Georgia, Tennessee, West Virginia, and District of Columbia; *Technical divisions:* Power and Machinery, Rural Electric, Farm Structures, and Soil and Water Conservation.

Object: To promote the science and art of engineering in agriculture.

Membership: Fellow, Member, Associate, Junior member, and Honorary member; initiation fee \$5 to \$20; dues \$6 to \$15. Total membership 1,054.

Meetings: Annual meeting in June, at various places; Fall meeting in December, in Chicago.

Research funds, medals, etc.: CYRUS HALL McCORMICK GOLD MEDAL, awarded annually for exceptional and meritorious engineering achievement in agriculture. DEERE GOLD MEDAL, awarded annually for distinguished achievements in the application of science and art to the soil.

Publications: Agricultural Engineering, monthly, 1-22, 1920-1941, price \$3, to members \$2, included in annual dues.

265. American Society of Agricultural Sciences. *President:* Ernest G. Holt, Soil Conservation Service, Washington, D. C. *Secretary:* José L. Colom, Pan American Union, Washington, D. C. Term of President, elected for three years, expires 1943; of Secretary, indefinite.

History: Organized May 24, 1940, at the Pan American Union, pursuant to a resolution approved by the Eighth American Scientific Congress on May 17, 1940. *Reference:* U. S. Department of Agriculture, Experiment Station Record, 83: 5, 1940.

Object: To recognize agriculture as a basic industry of the Americas, and as an effective instrument in maintaining close and harmonious ties between the American Republics; to advance scientific agriculture in the American Republics through individual and collective effort, through the development of active governmental support, and in other ways; to provide

a central organization for the coordination of the aims and efforts of the agricultural sciences in the American Republics; to hold meetings, to issue publications, and otherwise to disseminate information related to agriculture and to provide for an exchange of research findings, ideas, and experiences among its members; to promote solidarity and friendship among American workers in agricultural sciences and persons interested in the advancement of agricultural sciences in the American Republics.

Membership: Active members, annual dues \$2; Associate, \$1; Honorary. Total membership 400.

Meetings: No general meeting yet scheduled; chapter meetings held at various times.

Publications: *Agro America*, quarterly, 1-7, 1941- , free to members.

266. American Society of Agronomy. *President:* Richard Bradfield, Cornell University, Ithaca, N. Y. *Secretary:* G. G. Pohlman, Agricultural Experiment Station, Morgantown, W. Va. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Organized 1907. **Sections:** Northeastern, Corn Belt, Western, Southern. **Reference:** *Agronomic Affairs—Origin, Aims, and Organization of the American Society of Agronomy*, by R. I. Throckmorton, *Journal of the American Society of Agronomy*, Vol. 33, No. 5, May 1941.

Object: The increase and dissemination of knowledge concerning soils and crops, and the conditions affecting them.

Membership: Annual dues, domestic \$5, foreign \$5.50. Total membership, approximately 1,200. List of members available.

Meetings: Annual, at various places.

Research funds, medals, etc.: STUDENT ESSAY PRIZE.

Publications: *Journal of American Society of Agronomy*, monthly, 1-33, 1907-1941.

267. American Society of Anesthetists, Inc. 745 Fifth Avenue, Room 1503, New York, N. Y. *President:* Wesley Bourne, 4833 Western Avenue, Montreal, Canada. *Secretary:* Paul M. Wood, 131 Riverside Drive, New York, N. Y. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1942.

History: Organized October, 1905, by seven physicians in Brooklyn, N. Y., as the Long Island Society of Anesthetists; name changed in 1912 to New York Society of Anesthetists; and again in 1935 to American Society of Anesthetists; incorporated in 1936 under present title.

Object: The advancement of the science and art of anesthesiology; the promotion of inhalation therapeutics; the further development of resuscitation procedures; the encouragement of specialization in this field.

Membership: Active, Affiliate, and Associate members; entrance fee \$2.50, annual dues \$10. Junior, annual dues \$4. Honorary. Fellowship. Total membership approximately 900. List of members available.

Meetings: Four times a year, and special meetings as called.

Library: 700 volumes on anesthesiology.

Publications: *Anesthesiology*, bimonthly, first volume of three issues appeared July, 1940, volume 2, 1941, price \$6 domestic, \$6.50 in Canada, \$7 foreign, free to members. *News Letter*, monthly, free to members. *Mimeographed Transactions of Meetings*, free to members.

268. American Society of Animal Production. *President:* R. M. Bethke, Ohio Agricultural Experiment Station, Wooster, Ohio. *Secretary:* A. D. Weber, Kansas State College, Manhattan, Kans. Officers elected for one year; terms expire December, 1942.

History: Organized 1908 as the American Society of Animal Nutrition; name changed 1912 to present title.

Object: To improve the methods of investigation and instruction in animal production, to arrange for desirable cooperation and to avoid undesirable duplication in investigational work, and to promote the exchange of ideas in the field of the Society's interests.

Membership: Open to all persons engaged in investigation, instruction, or extension work in animal production or in the production of livestock or of livestock products. Annual dues \$3. List of members published annually in *Proceedings*.

Meetings: Annual.

Publications: *Proceedings*, annual, 1-33, 1908-1940, price \$2.50, \$1 to members. *Journal of Animal Science*, quarterly, beginning January, 1942, price \$3, free to members, will be issued in place of *Proceedings*.

269. American Society of Arborists. *President:* Charles F. Irish, 418 East 105th Street, Cleveland, Ohio. *Secretary:* Norman M. Armstrong, 517 Peoples Bank Building, White Plains, N. Y.

History: Organized August, 1932.

Object: To gather and disseminate facts leading to improvement in the care and maintenance of trees with particular reference to shade and ornamental trees.

Membership: Members, Junior members, and Honorary members. Entrance fee \$25, annual

dues \$25. Members are required to have been active and in good standing in the profession for ten years. Total membership 25.

Meetings: Annual, with the National Shade Tree Conference.

Research funds, medals, etc.: The Society cooperates in research on tree nutrition and tree wound dressings with the Ohio Agricultural Experiment Station, Wooster, Ohio.

270. American Society of Bakery Engineers.

1541 Birchwood Avenue, Chicago, Ill. *President:* Cecil Cadwell, Awrey Bakeries, Detroit, Mich. *Secretary:* Victor E. Marx. Officers elected for one year, terms expire March, 1942.

History: Organized March, 1924. *Chapters:* Southern California, Oregon, and Western Washington.

Object: To further the self-education of members through exchange of information about bakery production.

Membership: Members, entrance fee \$5, annual dues \$10. Total membership 1,200.

Meetings: Annual, in Chicago.

Publications: Bulletins, monthly, 1-126, 1924-1941, free to members. Proceedings, annual.

271. American Society of Biological Chemists, Inc.

President: Rudolph J. Anderson, Yale University, New Haven, Conn. *Secretary:* A. K. Balls, U. S. Department of Agriculture, Washington, D. C. Officers elected for one year; terms expire June 30, 1942.

History: Organized in New York City, December 26, 1906; first meeting in Washington, D. C., May 8-9, 1907; incorporated September 12, 1919.

Object: To further the extension of biochemical knowledge and to facilitate personal intercourse between American biochemists.

Membership: Qualified investigators who have conducted and published meritorious original investigations in biological chemistry are eligible for membership. Dues fixed annually, usually \$2. Total membership 583. List of members in Yearbook of the Federation of American Societies for Experimental Biology.

Meetings: Annual, at place determined by the Executive Committee of the Federation of American Societies for Experimental Biology, of which this society is one of the five which affiliates.

Publications: Journal of Biological Chemistry, monthly, 1-138, 1905-1941, 3-4 vols. per year, price, domestic \$4.50, foreign \$4.75. The scientific proceedings of the annual meeting are published in the Proceedings of the Federation.

272. American Society of Biophysics and Cosmology. 20 West 69th Street, New York,

N. Y. *President:* Louis C. Barail. *Secretary:* Eugene A. Dupin, 27 West 86th Street, New York, N. Y. Officers elected for two years; terms expire September, 1943.

History: Organized 1936; affiliated with the International Society of Biophysics in 1939, and is known as the United States chapter.

Object: The promotion of biophysical studies.

Membership: Active and Honorary members. Entrance fee \$5, annual dues \$5. Total membership 250.

Meetings: Monthly, during normal times; meetings will be held every three months during the emergency.

273. American Society of Brewing Chemists, Inc.

64 East Lake Street, Chicago, Ill. *President:* Leo Wallerstein, 180 Madison Avenue, New York, N. Y. *Secretary:* Carroll A. Dayharsh, 1639 Third Avenue, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Organized as the Malt Analysis Standardization Committee; incorporated in the State of Illinois, December, 1935, under present title.

Object: To study, develop, and adopt uniform or standard methods for the analysis of raw materials, supplies, and products of brewing, malting, and related industries; to secure uniformity in the statement of analytical results; to conduct, promote, and encourage scientific and technical research in brewing and related industries; to promote the spirit of scientific cooperation among all workers in the field of the industries concerned; to maintain high professional standards as requirements for membership in the society; to encourage a more general recognition of the chemist and biologist as essential factors in the development of the brewing and related industries; to communicate and cooperate with other organizations having similar or kindred purposes.

Membership: Active members, annual dues \$5; Corporate, \$25; Associate, \$5.

Meetings: Annual, at various places.

Publications: Brewing Chemists' News Letter, irregular, 4 issues from February, 1940 to July 1, 1941, free to members. Proceedings, \$3, free to members.

274. American Society of Cinematographers, Inc.

1782 North Orange Drive, Hollywood, Calif. *President:* Fred W. Jackman. *Secretary:* A. L. Gilks. Officers elected for one year; terms expire March 31, 1942.

History: Organized January, 1919, as the indirect outgrowth of two previous cinematographers' groups, dating back to 1911.

Object: To further the artistic and scientific advancement of the cinema and its allied crafts

through research and experimentation, as well as through fellowship between the artists and the scientists of cinematography.

Membership: Active members, qualified directors of photography or first cameramen; Associate and Honorary members, engaged in kindred pursuits who have contributed in an outstanding way to the progress of cinematography as an art or as a science; Life members; Past members.

Meetings: Monthly.

Library: Volumes on cinematography, still photography, and laboratory practice.

Research funds, medals, etc.: Research is conducted in connection with practical studio problems.

Publications: American Cinematographer, monthly, 1-22, 1920-1941, price \$2.50 domestic, \$2.75 Canada, \$3.50 foreign.

375. American Society of Civil Engineers. 33 West 39th Street, New York, N. Y. **President:** Ernest Bateman Black, 4706 Broadway, Kansas City, Mo. **Secretary:** George T. Seabury. Term of President, elected for one year, expires January, 1943; Secretary appointed.

History: Instituted November 5, 1852, as the American Society of Engineers and Architects; inactive 1855-1867; present name since March 4, 1868; incorporated April 17, 1877. **Sections:** There are sixty-four local sections, one hundred and twenty-one Student Chapters, and the following Technical Divisions: City Planning, Construction, Engineering Economics, Highway, Hydraulics, Irrigation, Power, Sanitary Engineering, Soil Mechanics and Foundations, Structural, Surveying and Mapping, and Waterways. **References:** Historical Sketch of the American Society of Civil Engineers, by Charles Warren Hunt, New York, 1897. The First Fifty Years of the American Society of Civil Engineers, 1852-1902, by C. W. Hunt, Transactions, 48: 220-226, 1902. The Activities of the American Society of Civil Engineers During the Past Twenty-five Years, by C. W. Hunt, Transactions, 82: 1577-1615, 1918. Eighty Years of Growth and Progress, by George T. Seabury, Civil Engineering, 2: 665-669, 1932. The Development of the American Society of Civil Engineers, by Arthur S. Tuttle, Transactions, 100: 1407-1425, 1935.

Object: The advancement of the sciences of engineering and architecture in their several branches, the professional improvement of members, the encouragement of intercourse between men of practical science, and the establishment of a central point of reference and union for members.

Membership: As of June 3, 1941: Members, 5,717, entrance fee \$30, annual dues \$25 resident, \$20 non-resident; Associate members, 6,643, \$25,

\$25, \$20; Affiliates, 70, \$30, \$25, \$20; Juniors, 4,584, \$10, \$15, \$10; Fellows, 1, payment of \$250 upon election; Honorary members 33. Total membership 17,048. List of members in Year Book.

Meetings: Four general meetings annually: The Annual Meeting, the third week in January, in New York City, the Annual Convention during the summer, and the Spring and Fall meetings in rotation in different sections of the country.

Research funds, medals, etc.: NORMAN MEDAL, awarded to a member of the Society who is the author of the paper judged worthy of special commendation for its merit as a contribution to engineering science. J. JAMES R. CROES MEDAL, awarded to the author of the paper next in order of merit to that to which the Norman Medal is awarded. THOMAS FITCH ROWLAND PRIZE, \$60 and a certificate, awarded to the author of a paper describing in detail accomplished works of construction, their cost and errors in design and execution. JAMES LAURIE PRIZE, \$40 and a certificate, awarded to the author of the paper next in order of merit to the paper to which the Rowland Prize is awarded. ARTHUR M. WELLINGTON PRIZE, \$75 and a certificate, awarded to the author of a paper on transportation on land, on water, or in the air, and not restricted to members of the Society. COLLINGWOOD PRIZE FOR JUNIORS, \$50 and a certificate, awarded to Juniors for papers describing engineering works or investigations with which the writers have been connected. FREEMAN FUND, capital \$25,000; income to be used in the aid and encouragement of young engineers, especially in research work, and in the development of the science of hydraulics. A portion of the income may be used for an annual prize for a paper on hydraulic construction, preference being given to papers by younger members of the profession. There may also be traveling scholarships in engineering in the United States or abroad. RUDOLPH HERING MEDAL, instituted by the Sanitary Engineering division, to be awarded by the division to the author of a paper which contains the most valuable contribution to the increase of knowledge in, and to the advancement of, sanitary engineering. ALFRED NOBLE PRIZE, a cash award, the amount to be fixed by resolution of the Board of Direction of the Society, and a certificate, awarded to a member of this Society, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, or the Western Society of Engineers for a technical paper of exceptional merit accepted for publication in any of the respective technical publications of these societies, provided the author is not over thirty years of age at the time. DANIEL W. MEAD

PRIZES, \$50 and a certificate for Juniors, \$25 and a certificate for Students, awarded on the basis of papers dealing with ethics. KARL EMIL HILGARD HYDRAULIC PRIZE, \$50, awarded to the author or authors of a paper of superior merit, dealing with a problem of flowing water, either in theory or practice. CONSTRUCTION ENGINEERING PRIZE, \$50 and a certificate, awarded to the author or authors of the best original scientific or educational paper on construction. J. WALDO SMITH HYDRAULIC FELLOWSHIPS, awarded to a graduate student, preferably a Junior of the Society, for one year, and restricted to research in the field of experimental hydraulics as distinguished from that of purely theoretical hydraulics. COLUMBIA UNIVERSITY SCHOLARSHIP, awarded through the courtesy of Columbia University by the Society. The Society also participates in the annual award of the JOHN FRITZ MEDAL (United Engineering Trustees, Inc.) and in the WASHINGTON AWARD (Western Society of Engineers).

Library: The Engineering Societies Library covers all fields of engineering. It comprises the libraries of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, and the American Institute of Electrical Engineers.

Publications: Proceedings, monthly except July and August, 1-67, 1873-1941, price \$10 domestic, \$10.75 foreign. Transactions, annually, 1-105, 1867-1940, price \$16. Civil Engineering, monthly, 1-11, 1930-1941, price \$5 domestic, \$6.50 foreign, \$5.75 Canadian. Year Book. Aims and Activities, a brochure published yearly. The publications of the Society are furnished without extra charge to the entire membership.

276. American Society of Clinical Pathologists.

531 North Main Street, South Bend, Ind. **President:** J. L. Lattimore, 618 Mills Building, Topeka, Kans. **Secretary:** A. S. Giordano. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, June, 1942.

History: Organized in 1922.

Object: To promote the practice of scientific medicine by a wider application of clinical laboratory methods to the diagnosis of disease, to stimulate original research in all branches of clinical laboratory work, to establish from time to time standards for the performance of various laboratory examinations, to elevate the scientific and professional status of those specializing in this branch of medicine, and to encourage a closer cooperation between the practitioner and the clinical pathologist.

Membership: Open to those who have had three years of post graduate training in clinical pathology, who are members of the American

Medical Association, and who devote a major portion of time to this field. Fellows, Associate members, Corresponding, Honorary; initiation fee \$15, annual dues \$12. List of members in Roster, price \$5.

Meetings: Annual.

Research funds, medals, etc.: WARD BURDICK RESEARCH AWARD, a gold medal presented annually for the outstanding piece of research by a Fellow. SCIENTIFIC EXHIBITS AWARD FOR EXCELLENCE, a gold medal and a silver medal. SANDFORD-SHEARD EDUCATION AND RESEARCH FUND, for grants-in-aid of individual research problems.

Publications: American Journal of Clinical Pathology, monthly, 1-10, 1930-1941, price \$6, free to members.

277. American Society of Danish Engineers. 60

East 42nd Street, New York, N. Y. **President:** O. E. Mogensen. **Secretary:** B. Nissen. Terms expire January, 1943.

History: Founded 1930.

Object: The furtherance and maintenance of collegial and social relations between engineers of Danish birth or descent, residing in the United States of America or Canada. The Society endeavors to give helpful information and advice to Danish engineers, particularly newcomers.

Membership: Members, Honorary members, and Corresponding members. A member shall be a professional engineer of Danish birth or descent who is either a graduate of the Royal Technical College of Copenhagen or from a school or college of correspondingly high standing; or an engineer, other than those named, who by technical training or by self-education and personal ability has acquired sufficient knowledge to be rated as a professional engineer of high standing. Annual dues for Members \$5, for Corresponding members \$2.

Meetings: Quarterly.

278. American Society of Dentistry for Children.

President: Ralph L. Ireland. **Secretary-Treasurer:** Ralph M. Erwin, Jr., 613 Corbett Building, Portland, Ore. Terms expire October, 1942.

History: Organized in 1928 in conjunction with the American Dental Association meeting, as the American Society for the Promotion of Dentistry for Children; name changed in September, 1940, to present title.

Object: To promote lay and professional education with reference to children's dentistry.

Membership: Open to members of the American or Canadian Dental Associations. Active members, annual dues \$3; Honorary members. Total membership 600. Membership list available for \$5.

Meetings: Annual, in conjunction with the American Dental Association meetings.

Publications: Review of Dentistry for Children, quarterly, 1-4, 1930-1940; name changed with 1941 volume to Journal of Dentistry for Children, free to members.

279. American Society of Heating and Ventilating Engineers. 51 Madison Avenue, New York, N. Y. **President:** E. O. Eastwood, University of Washington, Seattle, Wash. **Secretary:** A. V. Hutchinson. Term of President expires January, 1943.

History: Organized 1895. **Sections:** Cleveland, Cincinnati, Chicago, Kansas City, Winnipeg, Boston, Minneapolis, Detroit, Buffalo, Montreal, New York City, Grand Rapids, Oklahoma City, Toronto, Seattle, Philadelphia, Pittsburgh, St. Louis, Los Angeles, Washington, D. C., Atlanta, New Haven, New Orleans, San Francisco, Des Moines, Omaha, Durham, N. C., Dallas, Portland, Oreg., Houston, and Milwaukee.

Object: To advance the arts and sciences of heating, ventilating, and air conditioning.

Membership: Members, annual dues \$18; Associate, \$18; Junior, \$10; Student, \$7.50. Total membership 3,032. List of members available.

Meetings: Annual and semiannual.

Library: Cooperates with the Engineering Societies Library, 29 West 39th Street, New York, N. Y.

Research funds, medals, etc.: F. PAUL ANDERSON AWARD, a medal awarded to a member of the Society in recognition of outstanding work done or services performed in the field of heating, ventilating, and air conditioning. The capital for this award is an endowment. The committee on research supervises the investigation, collection, tabulation, and coordination of existing data and records of subjects pertaining to the art of heating, ventilating, and air conditioning, and when the need is sufficient to warrant research or testing, it devises a plan for such procedure. It also established and maintains a research laboratory, and negotiates with universities, colleges, and other organizations provided with laboratories for cooperative research and testing work. The work of this committee is supported by dues and contributions.

Publications: Transactions, annual, 1895-1939, price \$5, free to members. American Society of Heating and Ventilating Engineers Guide, annual, 19th edition, 1941, price \$5, free to members. A.S.H.V.E. Journal Section of Heating, Piping and Air Conditioning, monthly, price \$2, free to members.

280. American Society of Ichthyologists and Herpetologists. Carnegie Museum, Pittsburgh, Pa. **President:** John R. Dymond, Royal

Ontario Museum of Zoology, Toronto, Canada. **Secretary:** M. Graham Netting. Term of President, elected for one year, expires June, 1942; of Secretary, indefinite.

History: Founded February, 1916, under the name of the American Society for the Study of Fish and Reptiles; name changed March 2, 1916, to present title. The Western Division was formed in 1928 to hold annual meetings for the benefit of western members who are unable to attend general meetings.

Object: To promote the study of cold-blooded vertebrates.

Membership: Members, 570; Honorary foreign members, limited to 15, elected by Board of Governors. Annual dues \$3.

Meetings: Annual, at various places.

Research funds, medals, etc.: ENDOWMENT FUND, about \$1,600, the income of which is devoted to defraying the cost of special publications. STORV PRIZES, two, \$10 each, awarded at the annual meetings for the best student papers in ichthyology and herpetology. An anonymous donor provides an annual gift to defray traveling expenses of deserving students to annual meetings.

Publications: Copeia, quarterly since 1927, 1-173, 1913-1930; n. s. one unnumbered volume a year from 1930 to date, price \$3, free to members.

281. American Society of International Law. 700 Jackson Place, N. W., Washington, D. C. **President:** Cordell Hull, Department of State, Washington, D. C. **Secretary:** George A. Finch. Officers elected for one year; terms expire 1942.

History: Organized 1906. **Reference:** Proceedings, 1907.

Object: To foster the study of international law and to promote the establishment and maintenance of international relations on the basis of law and justice.

Membership: Annual, Student, Life, and Honorary members. Annual dues \$5; foreign \$6. Total membership 1,055. List of members available for \$1.50.

Meetings: Annual, at Washington, D. C.

Library: 1,000 volumes on international law and international relations.

Publications: American Journal of International Law, quarterly, 1-35, 1907-1941, price \$5, free to members. Proceedings, price \$1.50.

282. American Society of Landscape Architects, Inc. 9 Park Street, Boston, Mass. **President:** S. Herbert Hare, 114 West Tenth Street, Kansas City, Mo. **Secretary:** Markley Stevenson, 225 South Fifteenth Street, Philadelphia, Pa. Officers elected for two years; terms expire 1943. **Corresponding Secretary:** Bradford Williams.

History: Founded 1899. *Chapters:* Boston, Chicago, Cleveland, Detroit, Missouri Valley, New York, Pennsylvania, Richmond, San Francisco, Southern California, and Washington, D. C. *References:* American Landscape Architecture, January, 1931, page 20. The Founding of the American Society of Landscape Architects, by Harold A. Caparn, American Landscape Architecture, March, 1931, page 131. What the American Society of Landscape Architects Has Done for the Profession of Landscape Architecture, by James L. Greenleaf.

Object: To increase the efficiency and influence of the profession, to foster good fellowship among its members, and to promote the public welfare.

Membership: Members, admission fee \$10, annual dues \$15 first three years, \$25 thereafter; Junior Associates, annual dues \$5; Fellows. Total membership 420. List of members available.

Publications: Landscape Architecture, quarterly, 1910-1941, price \$3 a year, free to members. Illustration of Work of Members, 1931-1934.

283. American Society of Mammalogists. *President:* Walter P. Taylor, Texas Cooperative Wildlife Research Unit, College Station, Tex. *Secretary:* Emmet T. Hooper, Museum of Zoology, University of Michigan, Ann Arbor, Mich. Officers elected for one year; terms expire June, 1942.

History: Organized 1919.

Object: The promotion and publication of knowledge concerning mammals.

Membership: Annual, Honorary, and Life members. Annual dues \$3. Total membership 950. List of members in Journal in alternate years, price \$1.

Meetings: Annual, at various places.

Research funds, medals, etc.: GENERAL PUBLICATION FUND, capital about \$20,000, income from all sources about \$4,500.

Publications: Journal of Mammalogy, quarterly, 1-22, 1919-1941, price \$4; free to members. Monographs, 3 volumes issued to date.

284. American Society of Mechanical Engineers. 29 West 39th Street, New York, N. Y. *President:* James W. Parker. *Secretary:* Clarence E. Davies. Term of President, elected for one year, expires December, 1942; Secretary appointed annually.

History: Organized 1880; incorporated 1881.

Sections: Akron-Canton, Anthracite-Lehigh Valley, Atlanta, Baltimore, Birmingham, Boston, Bridgeport, Buffalo, Central Illinois, Central Indiana, Central Pennsylvania, Chicago, Cincinnati, Cleveland, Colorado, Columbus, Dayton, Detroit, East Tennessee, Erie, Fort Wayne, Florida, Green Mountain, Greenville,

Hartford, Inland Empire, Ithaca, Kansas City, Los Angeles, Louisville, Memphis, Metropolitan, Mid-Continent, Milwaukee, Minnesota, Nebraska, New Haven, New Orleans, North Texas, Norwich, Ontario, Oregon, Peninsula, Philadelphia, Piedmont-North Carolina, Pittsburgh, Plainfield, Providence, Raleigh, Rochester, Rock River Valley, St. Joseph Valley, St. Louis, San Francisco, Savannah, Schenectady, South Texas, Susquehanna, Syracuse, Toledo, Tri-cities, Utah, Virginia, Washington, D. C., Waterbury, Western Massachusetts, Western Washington, West Virginia, Worcester, Youngstown. List of secretaries in Membership List. There are also Professional Divisions. *References:* History of the Society, 1880-1915. Fifty Years of A.S.M.E., by Calvin W. Rice, Mechanical Engineering, April, 1930; Sixty Years of A.S.M.E. Leadership, Mechanical Engineering, June, 1940.

Object: To promote the art and science of mechanical engineering and the allied arts and sciences; to encourage original research; to foster engineering education; to advance the standards of engineering; to promote intercourse of engineers among themselves and with allied technologists; and severally and in cooperation with other engineering and technical societies, to broaden the usefulness of the engineering profession.

Membership: Members, 8,050, initiation fee \$25, annual dues \$20; Associates, 203, \$25, \$20; Juniors, 6,337, \$10, \$10 until thirty years of age, \$15 until thirty-three, \$20 thereafter; Fellows, 119, \$30, \$25; Student, 7,031, dues \$3; Honorary, 23.

Meetings: Four meetings a year, in various places.

Library: Merged with Engineering Societies Library.

Research funds, medals, etc.: A.S.M.E. MEDAL, for distinguished service in engineering and science. JOHN R. FREEMAN FUND, \$25,000, for travel scholarships. HOLLEY MEDAL, endowed by George I. Rockwood, to be bestowed only on one who by some great and unique act of genius of an engineering nature has accomplished a great and timely public benefit. JUNIOR AWARD, a cash award of \$50 for the best paper or thesis submitted by a Junior member. Created by the late Henry Hess. HOOVER MEDAL, to an engineer for distinguished public service. CHARLES T. MAIN AWARD. A cash award of \$150 for a paper by a student of engineering, preferably a member of a Student Branch of the Society, for the best paper within the general subject of the influence of the profession upon public life, the exact subject being given out each September. MELVILLE MEDAL, endowed by Rear-Admiral George W. Melville, awarded for the best original paper or thesis of exceptional merit. SPIRIT OF ST. LOUIS MEDAL, Junior award for the best paper on an

aeronautic subject. **WORCESTER REED WARNER MEDAL**, for best paper dealing with progressive ideas in mechanical engineering or efficiency in management. **SCHOLARSHIP OR FELLOWSHIP** offered by the Woman's Auxiliary to assist sons and daughters of members of the Society or worthy students of mechanical engineering. **STUDENT AWARDS**, two cash awards of \$25 each, established by the late Henry Hess, given every year for the best papers or theses submitted by Student associates. **MAX TOLTZ ENDOWMENT**, \$15,000, given by Major Max Toltz, for assistance to students.

The Society sponsors some seventeen cooperative research committees and administers their funds, which are largely provided by industry and the Engineering Foundation. Over \$616,000 has been contributed to the research committees since 1922, some of the more important of which are Steam tables, \$160,000; Elevator safeties, \$88,200; Mechanical springs, \$14,500; Lubrication, \$18,800; Effect of temperature on metals, \$56,600; Boiler feedwater studies, \$76,400; Fluid meters, \$38,500; Metal cutting, \$15,600; Critical pressure steam boilers, \$23,000; Cottonseed processing, \$47,000; etc. The **RICE LECTURE**, the **TOWNE LECTURE**, and the **THURSTON LECTURE** are under the auspices of the Society.

Publications: Mechanical Engineering, monthly, 1-63, 1880-1941, price \$5, free to members. Transactions, monthly, comprises contributions by Professional Divisions, price \$12, free to members. Condensed Catalogues of Mechanical Equipment, annual, price \$3, free to members.

285. American Society of Naturalists. *President:* Ralph E. Cleland, Indiana University, Bloomington, Ind. *Secretary:* A. C. Kinsey, Indiana University, Bloomington, Ind. Term of President, elected for one year, expires January, 1943; of Secretary, elected for three years, January, 1944.

History: Organized 1883 as the Society of Naturalists of the Eastern United States; present name since December 29, 1885. Amalgamated in 1902 with the Naturalists of the Central States (organized 1901), the latter society becoming the Central Branch of the general society. Eastern and central branches merged in 1913. Provision was made in 1913 for regional sections, but none have been formed. The following societies are affiliated: American Society of Zoologists, American Association of Anatomists, American Physiological Society, American Psychological Association, American Philosophical Association, Botanical Society of America, Society of American Bacteriologists, American Anthropological Association, American Folk-Lore Society, Genetics Society of America, Ecological Society of

America, American Phytopathological Society, Entomological Society of America, American Society of Plant Physiologists, and American Society of Parasitologists. *Reference:* Fifty Years of the American Society of Naturalists, by E. G. Conklin, American Naturalist, 68: 385-401, 1934.

Object: To discuss, advance, and diffuse knowledge concerning the broader biological problems, including organic evolution, thus serving to correlate the various biological sciences into a common philosophy of biology.

Membership: By invitation. Limited to persons professionally engaged in some branch of natural history. Active members, 512, annual dues \$1. Honorary members, 10. List of members available for 25 cents.

Meetings: Annual, in conjunction with the annual meeting of the American Association for the Advancement of Science.

Publications: Records, triennial, 1-4, 1883-1940, free to members.

286. American Society of Naval Engineers. Navy Department, Washington, D. C. *President:* Rear Admiral Herbert S. Howard, U. S. N. *Secretary:* Commander J. E. Hamilton, U. S. N. Officers elected for one year; terms expire December, 1942.

History: Organized 1888 by members of the Engineer Corps of the Navy, with associate members among interested engineers, shipbuilders, and others.

Object: The advancement of naval engineering, including motive, hull, ordnance, navigational, and aeronautical engineering.

Membership: Naval, 710; Civil, 521; Associate, 294. Annual dues \$5.

Meetings: Annual, the first Tuesday in October, at Washington, D. C.

Publications: Journal, quarterly, 1-53, 1889-1941, price \$6, free to members and on exchange with other technical publications.

287. American Society of Parasitologists. *President:* Henry E. Meleney, New York University, 477 First Avenue, New York, N. Y. *Secretary:* Oliver R. McCoy, University of Rochester, Rochester, N. Y. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1943.

History: Organized December 30, 1924; incorporated September 22, 1932. *Reference:* The Formation of the American Society of Parasitologists, Journal of Parasitology, 11: 177-180, 1925.

Object: The advancement of teaching and research in parasitology.

Membership: Active, Foreign, and Honorary members; annual dues \$4. Total membership 514. Members are elected by the Council of

the Society on the basis of interest and accomplishment. List of members published at intervals in the *Journal of Parasitology*, available for 25 cents.

Meetings: Annual, with the American Association for the Advancement of Science.

Research funds, medals, etc.: PERMANENT FUND, a small fund, the beginning of an endowment, to be used as the Council of the Society directs.

Publications: *Journal of Parasitology*, bi-monthly, 1-27, 1914-1941, price, domestic \$5, foreign \$5.25, free to members. Minutes and program of the annual meeting are published in the *Journal of Parasitology*.

288. American Society of Photogrammetry. Benjamin Franklin Station, Box 18, Washington, D. C. *President:* T. P. Pendleton, Room 7212, North Interior Building, Washington, D. C. *Secretary:* Don I. Dunn, Route 2, Fairfax, Va. Term of President expires January, 1943; of Secretary, indefinite.

History: Organized August, 1934; incorporated October, 1934. *Sections:* Tennessee Valley Section, Chattanooga, Tenn., January, 1935; Texas Section, Temple, Tex., January, 1937.

Object: To further research, the exchange of information, and the publication of papers on photogrammetry, particularly on aerial photography and mapping from aerial photographs.

Membership: Regular members, 770, annual dues \$3; Sustaining, 10, \$50; Library, 11, \$3; Honorary, 2. List of members available for \$1.

Meetings: Annual, in January, in Washington, D. C.; Semiannual, in September, in various places; special meetings in Washington, D. C.

Library: 150 volumes on photogrammetry and allied subjects.

Publications: *News Notes*, November, 1934-September, 1936; continued as *Photogrammetric Engineering*, quarterly, 1-6, 1936-1941, price \$3, free to members.

289. American Society of Planning Officials. 1313 East 60th Street, Chicago, Ill. *President:* Baldwin M. Woods, Post Office Building, Berkeley, Calif. *Secretary and Executive Director:* Walter H. Blucher. Term of President elected for one year, expires 1942.

History: Incorporated in Illinois in 1935. *Reference:* *Solving Planning Problems*, Prospectus of the American Society of Planning Officials.

Object: To promote efficiency of public administration in land and community planning.

Membership: Active, members of official planning bodies; Associate, anyone interested in the field; annual dues \$5. Commission mem-

bers, dues on a sliding scale according to population. Total membership, approximately 800.

Meetings: Annual, at various places; several technical meetings.

Library: Member of Joint Reference Library.

Publications: *News Letter*, monthly, 1-7, 1935-1941, free to members. *Proceedings of National Conference on Planning*, price \$2, free to members.

290. American Society of Plant Physiologists.

President: E. C. Müller, Kansas State College of Agriculture, Manhattan, Kans. *Secretary:* P. J. Kramer, Duke University, Durham, N. C. Term of President, elected for one year, expires June, 1942; of Secretary, elected for two years, June, 1943.

History: Organized 1924. *Sections:* Minnesota, University of Minnesota; Purdue, Purdue University; Western, University of California; New England, University of New Hampshire; and Southern, University of Georgia.

Object: To advance the science of plant physiology; to promote the good fellowship of its members; and to facilitate the discussion and publication of research by plant physiologists.

Membership: Annual dues, domestic \$5, Canada \$5.25, foreign \$5.50. Total membership 640. List of members available for 50 cents.

Meetings: Semiannual, usually with the American Association for the Advancement of Science.

Research funds, medals, etc.: STEPHEN HALES PRIZE, awarded from time to time to residents of North America who have served the science of plant physiology in some noteworthy manner. The award consists of a certificate and a sum of money taken from the income of the endowment. The recipient is invited to deliver a public address at the next annual meeting on some subject in plant physiology.

Publications: *Plant Physiology*, quarterly, 1-16, 1926-1941, price \$8, free to members.

291. American Society of Plant Taxonomists.

President: L. R. Abrams, Dudley Herbarium, Stanford University, Calif. *Secretary:* N. C. Fassett, Biology Building, University of Wisconsin, Madison, Wis. Terms expire December, 1941.

History: Organized at St. Louis, Mo., January 1, 1936.

Object: To promote the interests of taxonomy and systematic botany for both vascular and non-vascular plants, including phylogeny, phytogeography, floristics, botanical exploration, herbarium and experimental work; and, the scientific welfare of its members. In coop-

eration with the New York Botanical Garden the Society distributes the Taxonomic Index, which lists or abstracts papers of the past month dealing with taxonomy of North American plants.

Membership: Open to any person interested in the objects of the Society. The dues are \$1 for two years. List of members available.

Meetings: Annual, usually with the American Association for the Advancement of Science.

292. American Society of Refrigerating Engineers. 37 West 30th Street, New York, N. Y. **President:** William R. Hainsworth, Servel Inc., 51 East 42nd Street, New York, N. Y. **Secretary:** David L. Fiske, 50 West 40th Street, New York, N. Y. Term of President, elected for one year, expires December, 1942; Secretary, permanent.

History: Organized April 2, 1904. **Sections:** Boston, Chicago, Cincinnati, Cleveland, Detroit, Kansas City, Los Angeles, Milwaukee, Central New York, New York, Philadelphia, Pittsburgh, St. Louis.

Object: To promote the arts and sciences connected with refrigerating engineering.

Membership: Members, 603, entrance fee \$5, annual dues \$15 domestic, \$10 foreign; Associate, 1,115, \$2, \$7.50. List of members published biennially in Refrigerating Data Book.

Meetings: Semiannual, with the annual meeting generally in December, in New York City, and the spring meeting in some mid-west city.

Library: 2,500 volumes on mechanical refrigeration and kindred industries.

Publications: Transactions, 1-9, 1905-1913; superseded by Journal, bimonthly, 1-8, 1914-1922; name changed to Refrigerating Engineering, monthly, 9- , 1922- , price \$3, free to members and on exchange. Refrigerating Data Book and Catalog, biennial, price \$4, free to members.

293. American Society of Regional Anesthesia, Inc. 131 Riverside Drive, New York, N. Y. **President:** Russell H. Patterson, 135 East 65th Street, New York, N. Y. **Secretary:** Paul M. Wood.

History: Founded in honor of Gaston Labat. Incorporated in the State of New York, 1923.

Object: To investigate and discuss regional, spinal, and local anesthesia; and to promote research.

Membership: Active members, Corresponding, Honorary, Benefactors. Entrance fee \$2.50, annual dues, \$5. Members must be members of the American Society of Anesthetists.

Meetings: Three meetings a year in New York City.

Research funds, medals, etc.: LABAT MEMORIAL FUND, \$300.

Publications: Mimeographed transcripts of stenographic reports of meetings.

294. American Society of Safety Engineers—Engineering Section, National Safety Council. 20 North Wacker Drive, Chicago, Ill. **General Chairman:** H. J. Griffith, Jones and Laughlin Steel Corporation, Pittsburgh, Pa. **Secretary:** R. L. Forney. Officers elected for one year; terms expire October, 1942.

History: Engineering Section, National Safety Council, organized in 1921; American Society of Safety Engineers organized in 1915; amalgamated under present title in 1924.

Object: To promote the arts and sciences connected with engineering in its relation to accident prevention and the conservation of life and property, and to encourage the development of safety engineering as a profession.

Membership: Full members, 1,049, ten years' experience in engineering work, including five years in responsible charge of safety engineering work; a degree from a recognized college of engineering shall be considered equivalent to two years of such experience. Associate members, 663, five years' experience in engineering work, including three years in safety engineering work; a degree from a recognized college of engineering equivalent to two years of such experience. Allied members, 411, engaged in safety engineering or allied work, or in attendance at a recognized college of engineering, and not less than eighteen years of age. Members, Associate members, and Allied members of this Society shall be individual members of the National Safety Council or shall be associated with companies or organizations which are members of the National Safety Council. Any person not now a member of the National Safety Council and not employed by or affiliated with a member of the Council, can become eligible for membership in the American Society of Safety Engineers—Engineering Section by joining the Council which merely requires the payment of \$10 annual membership dues. There are no fees or dues in the Society.

Meetings: Annual, with the National Safety Congress.

Publications: Engineering for Safety, monthly, 1-6, 1930-1941.

295. American Society of Sanitary Engineering. City Hall, Waterbury, Conn. **President:** H. L. Schaller, Court House, Miami, Fla. **Secretary:** J. R. Walker. Officers elected for one year; terms expire August, 1942.

Object: Research, standardization, and the promotion of public health.

Membership: Active members, entrance fee \$10, annual dues \$10; Associate \$5, \$10; Sustaining, \$50, \$50.

Meetings: Annual.

Publications: Yearbook. Biennial Reports of Annual Convention Proceedings. Free to members.

296. American Society of Sugar Beet Technologists. *President:* W. Y. Cannon, Utah-Idaho Sugar Company, Salt Lake City, Utah. *Secretary:* C. E. Cormany, Holly Sugar Corporation, Sheridan, Wyo. Officers elected for two years; terms expire January, 1944.

History: Organized January 7, 1937, in Fort Collins, Colo. *Sections:* West Coast, Intermountain, Eastern Slope, Eastern United States, Canada. *Reference:* Proceedings of the Society, 1938.

Object: To foster sugar beet and beet sugar research, and to act as a clearing house for the exchange of ideas resulting from such work.

Membership: Active members, 150; Associate, 125; Biennial dues, \$2.50. List of members available for \$2.

Meetings: Held every two years, in various places.

Publications: Biennium Proceedings.

297. American Society of Swedish Engineers. 27 West 51st Street, New York, N. Y. *President:* Ivar Ekholm. *Secretary:* John Widen. Officers elected for one year; terms expire December 31, 1941.

History: Organized 1888; incorporated 1890.

Object: To promote the arts and sciences connected with engineering and mechanical construction, more intimate relations between the members for their mutual help and benefit, and scientific progress by readings, lectures, and discussions.

Membership: Active members, annual dues, domestic \$12, foreign \$3; Passive members, annual dues \$5. Total membership 239. List of members available for \$1.

Meetings: Monthly.

Library: A library of 600 volumes is maintained, covering technical and scientific literature as well as Swedish newspapers and technical bulletins.

Research funds, medals, etc.: JOHN ERICSSON MEDAL, for excellent work in the technical field.

Publications: Bulletin, about two issues a year, free to members.

298. American Society of Tool Engineers, Inc. 2567 West Grand Boulevard, Detroit, Mich. *President:* Frank W. Curtis, Springfield, Mass. *Secretary:* Clyde L. Hause. Officers elected for one year; terms expire March, 1942.

History: Chartered in 1932 as a non-profit corporation of Michigan, to operate as a scientific educational society.

Object: To advance the science of tool engineering.

Membership: Senior, entrance fee \$5; Junior, entrance fee \$2; Student; annual dues \$6. Total membership 7,151.

Meetings: General, semiannual; Chapters, monthly.

Publications: Tool Engineer, monthly, 1932-1941, free to members.

299. American Society of Tropical Medicine. *President:* Ernest Carroll Faust, Tulane Medical School, New Orleans, La. *President-elect:* N. Paul Hudson, Columbus, Ohio. *Secretary-Treasurer:* E. Harold Hinman, Health and Safety Department, Wilson Dam, Ala. Term of President, elected for one year, expires November, 1942; of Secretary, elected for three years, November, 1943.

History: Organized March 9, 1903.

Object: To advance the knowledge of tropical diseases by encouraging original research by its members and others, by collecting and recording facts ascertained by such researches, and by disseminating information thereof through discussion among its members and by publication of papers read before the Society, and other papers of interest in tropical medicine.

Membership: Active members, annual dues \$5; Life members, dues \$100 in one sum; Foreign honorary members, Emeritus members, and Corresponding members. Total membership 520. List of members published at irregular intervals.

Meetings: Annual, at various places.

Research funds, medals, etc.: WALTER REED MEDAL, for meritorious achievement in tropical medicine. BAILEY K. ASHFORD AWARD IN TROPICAL MEDICINE, \$1,000 and a bronze medal, in recognition of demonstrated research in the field of tropical medicine, to a citizen of the United States under thirty-five years of age. Awards are made biennially.

Publications: American Journal of Tropical Medicine, bimonthly, 1-21, 1921-1941, price \$5, free to members.

300. American Society of X-ray Technicians. 16 Fourteenth Street, Fond du Lac, Wis. *President:* James A. Morgan, Mt. Sinai Hospital, Milwaukee, Wis. *Secretary:* Genevieve J. Eilert. Officers elected for one year; terms expire June, 1942.

History: Organized 1920 as the American Society of Radiographers. Fourteen charter members were present at the organization meeting in Chicago. Name changed May 25, 1934, to present title.

Object: To promote the science and art of radiography, and to study and discuss the subjects pertaining thereto.

Membership: Active, Associate, Honorary, and Life members. Entrance fee \$5; annual dues \$3. Required to be technicians in good standing with the American Registry of X-ray Technicians. Total membership 1,137, as of June 16, 1941.

Meetings: Annual, at various places.

Publications: X-ray Technician, bimonthly, 1-13, 1929-1941, price \$1.50 to non-members, \$1 to members of affiliated societies, free to members.

301. American Society of Zoologists. President: L. L. Woodruff, Yale University, New Haven, Conn. **Secretary:** L. V. Domm, Whitman Laboratory of Experimental Zoology, University of Chicago, Chicago, Ill. Term of President, elected for one year, expires January, 1943; of Secretary, elected for three years, January, 1943.

History: The American Morphological Society was organized in 1890. The American Society of Zoologists, successor to the American Morphological Society, was founded in 1903.

Object: To present and discuss important facts and problems in the science of zoology, and to adopt such measures as shall tend to the advancement of the science.

Membership: Active members, 708, those who hold the Doctor's degree in zoology or who have done equivalent work thereto, and who, in addition to the usual requirements for this degree, have published the results of substantial zoological research; Associate members, 266, those actively engaged in the field of zoology who have had training in zoology equivalent to that required for the doctorate degree; Life members, 5. Annual dues \$2. List of members published annually in the January supplement of the Anatomical Record.

Meetings: Annual, at time and place chosen by the Executive Committee of the Society, frequently in conjunction with the American Association for the Advancement of Science.

Publications: The proceedings of the Society and the abstracts of scientific papers presented before the Society are published annually as two supplements to the Anatomical Record.

302. American Sociological Society. President: Dwight Sanderson, Cornell University, Ithaca, N. Y. **Secretary:** Conrad Taeuber, U. S. Department of Agriculture, Washington, D. C. Term of President, elected for one year, expires December, 1942; of Secretary, indefinite.

History: Established December, 1905, at a joint conference of the Historical, Economic, and Political Science Associations. First annual meeting held in December, 1906. **Sections:** General and Historical Sociology, Social Psy-

chology, Methods of Research, Social Biology, Educational Sociology, Statistical Sociology, Community Study, Sociology and Social Work, Teaching of Social Sciences, The Family, Sociology of Religion, Sociology and Psychiatry, Criminology, Political Sociology.

Object: To encourage sociological research, discussion, teaching, and publication, and to foster fellowship.

Membership: Members, annual dues \$6; Student, \$4; Joint (for husband and wife), \$7; Subscribing, \$10; Sustaining, \$25; Life, \$100. Total membership 1,034. List of members available for \$2.50.

Meetings: Annual, at various places.

Publications: Proceedings of the American Sociological Society, 1906-1936. American Sociological Review, bimonthly, 1-6, 1936-1941, price \$4 to non-members, \$3 to libraries, \$2.50 to students of sociology, free to members.

303. American Soybean Association. President: David G. Wing, Mechanicsburg, Ohio. **Secretary:** George M. Strayer, Hudson, Iowa. Officers elected for one year; terms expire January 1, 1943.

History: Organized 1925.

Object: To promote the culture and utilization of soybeans.

Membership: Annual dues, \$1.50. Total membership 1,000.

Meetings: Annual, at various places.

Publications: Soybean Digest, monthly, 1-1940, price \$1.50.

304. American Specification Institute. 205 West Wacker Drive, Chicago, Ill. Secretary: Gardner C. Coughlen.

History: Incorporated March 17, 1921, in Illinois.

Object: To increase and disseminate the knowledge and to improve the methods of writing specifications for engineering and architectural materials, equipment, and structures.

Membership: Entrance fee \$10; annual dues \$15.

Meetings: Annual.

Publications: Specification Record, biennial, 1-4, 1923-1931, price \$10, free to members.

305. American Speech Correction Association. President: Samuel D. Robbins, 419 Boylston Street, Boston, Mass. **Secretary:** D. W. Morris, Indiana State Teachers College, Terre Haute, Ind. Officers elected for two years; terms expire December, 1942.

History: Organized in 1925 as the American Academy of Speech Correction; name changed in 1927 to American Society for the Study of Disorders of Speech, changed in 1935 to present title.

Object: To stimulate among educators, physicians, and others of the general public a deeper, more intelligent interest in problems relating to the correction of speech defects.

Membership: Fellows, annual dues \$5; Associates, \$3. Total membership 450. List of members in March Journal of Speech Disorders, price \$1.

Meetings: Annual.

Publications: Journal of Speech Disorders, quarterly in March, June, September, and December, 1936-1941, price \$3, free to members.

306. American Standards Association. 29 West 39th Street, New York, N. Y. **President:** R. E. Zimmerman. **Secretary:** P. G. Agnew. Term of President, elected for one year, expires December, 1942.

History: Organized in 1917 as the American Engineering Standards Committee by five engineering societies, to act as a clearing house for their standardization work. Reorganized in 1928 under present title.

Object: To provide systematic means by which organizations concerned with a standardization work may cooperate in establishing American standards in those fields in which engineering methods apply, to the end that duplication of work and the promulgation of conflicting standards may be avoided; to serve as a clearing house for information on standardization work in the United States and foreign countries; to further the standardization movement as a means of advancing national economy; to promote knowledge and the use of approved American industrial and engineering standards, both in the United States and in foreign countries; and to act as the authoritative American channel in international cooperation in standardization work.

Membership: Member-bodies, annual dues \$500 for each representative on Standards Council, with a constitutional limit of three; Company members, annual dues based on one cent per \$1,000 of total business. The membership of the Association at present includes some seventy-four national organizations—trade associations, technical societies, and departments of the federal government; and 2,000 companies hold membership either individually or by group arrangement through respective trade associations. Membership is open to any national group—industrial organization with a substantial interest in standardization problems.

Meetings: The Board and Standards Council meet in March, April, September, and December.

Library: A reference library of 2,000 standards, books, and related material is maintained for the use of members. The library keeps on file all of the approved national standards from twenty-six countries and acts as a clearing house for questions about foreign standards.

It serves as a reference bureau for all standardization questions, domestic and foreign. Important subjects: Screw threads, Tolerances and fits, Bolts, Nuts, Preferred numbers, Surface finishes, Pipe flanges and fittings, Safety codes.

Publications: Industrial Standardization and Commercial Standards Monthly, 1-12, 1924-1941, price \$4, free to members. Approved American Standards. List of American Standards. Yearbook.

307. American Statistical Association. American University, Box 177, Washington, D. C. **President:** Alfred J. Lotka, Metropolitan Life Insurance Company, 1 Madison Avenue, New York, N. Y. **Secretary:** Richard L. Funkhouser. Officers elected for one year; terms expire December, 1942.

History: Organized 1839 in Boston; incorporated 1841. From the time of its organization it has been active in encouraging the improvement of basic statistical data and statistical methods in many fields of knowledge. Its activities in connection with population and public health statistics, economic statistics, labor statistics, and related subjects have more recently been matched by interest in the development of business statistics and mathematical statistics. Eight fields or groups of fields are represented by vice-presidents. **Sections:** Albany, Atlanta, Austin, Boston, Chicago, Cincinnati, Cleveland, Columbus, Connecticut, Detroit, Harrisburg, Lehigh Valley, Madison, Montgomery, New York, Philadelphia, Pittsburgh, San Francisco, Washington, D. C., University of Illinois. **Technical Section:** Biometrics.

Object: To promote the improvement of statistical data and technique; to foster contacts and discussions among persons seriously concerned with statistical materials, problems, and methods; and to encourage the use of statistics in research and practical affairs.

Membership: Regular members and Fellows, annual dues \$5; for new members under thirty years of age, annual dues \$3 for first year. Corporate members, annual dues \$100. Honorary members. Total membership, about 3,000 of which 97 are Fellows. List of members available for \$1.

Meetings: Annual, at various places.

Publications: Collections, 1-2, 1843-1847. Publications, 1-16, 1818-1819; name changed to Quarterly Publications, 17, 1920-1921; name changed to Journal of the American Statistical Association, quarterly, 18-36, 1922-1941, price \$6, free to members. American Statistical Association Bulletin, 6 times a year, 1-2, 1938-1941, price \$1, free to members. The work of the Association is reported in the March number of the Journal of the American Statistical Association.

308. American Student Health Association. *President:* J. P. Ritenour, State College, Pa. *Secretary:* Ralph I. Canuteson, University of Kansas, Lawrence, Kans. Officers elected for one year; terms expire December, 1942.

History: Organized March 4, 1920. *Reference:* Proceedings of the American Student Health Association, 1940; History of the Student Health Movement, by Joseph Raycroft.

Object: To further health and hygiene among college students.

Membership: Schools of college rank which are interested in working toward the improvement of the health of students. Annual dues \$10. Total membership, 190 institutions. List of members available.

Meetings: Annual, usually in New York City.

Publications: Annual Proceedings. Papers read at the annual meeting are published in the Journal-Lancet.

309. American Surgical Association. *President:* Harvey B. Stone, 18 West Franklin Street, Baltimore, Md. *Secretary:* C. G. Mixter, 319 Longwood Avenue, Boston, Mass. Term of President, elected for one year, expires 1942.

History: Organized May 31, 1880, in Philadelphia, as the American Surgical Society. Name changed May, 1882, to present title.

Object: The cultivation and improvement of the art and science of surgery, and the promotion of the interests not only of its fellows, but of the medical profession at large.

Membership: Active, Senior, and Honorary members; entrance fee \$50; annual dues \$25. Total membership, approximately 250.

Meetings: Annual, at various places.

Publications: Transactions, 1- , 1880- , free to members.

310. American Therapeutic Society. *President:* Harold S. Davidson, 101 South Indiana Avenue, Atlantic City, N. J. *Secretary:* Oscar B. Hunter, 1835 Eye Street, N. W., Washington, D. C. Officers elected for one year; terms expire June, 1942.

History: Organized May 1, 1900.

Object: The promotion of therapeutics.

Membership: Active, Associate, and Honorary members, and Fellows. Entrance fee \$10, annual dues \$10. Total membership 169. List of members available.

Meetings: Annual, usually two days prior to the American Medical Association meeting and in the same city.

Publications: Transactions, issued annually or biennially as decided by the Council, free to members.

311. American Transit Association. 292 Madison Avenue, New York, N. Y. *President:* A. J. Boardman. *Managing Director:* Charles Gordon. *General Secretary:* G. C. Hecker. Term of President expires September, 1941; Director and Secretary are reappointed annually.

History: Organized 1882 as the American Street Railway Association; name changed in 1905 to the American Street and Interurban Railway Association; in 1910 to the American Electric Railway Association; and in 1932 to present title. It consists of a parent association and seven subsidiary organizations. The subsidiary organizations are: American Transit Accountants' Association, American Transit Claims Association, American Transit Engineering Association, American Transit Operating Association, American Transit Purchases and Stores Association, and the Interurban Division, and the Bus Division of this Association.

Object: To collect and compile data relating to public transportation, and to disseminate such information among its members; to provide a medium for the exchange of experience, for discussion, and comparative study of common problems, through which members may be collectively represented or may act cooperatively in matters affecting the transit industry's welfare; to engage in research and investigation in improving public transportation facilities and service; to provide an agency through which members may obtain assistance and advice on special transportation problems; and to foster and encourage a spirit of friendly cooperation.

Membership: Company members, 237; Manufacturer members, 127, annual dues for both these classes graduated according to gross receipts; Associate members, 16, annual dues \$200 and \$50 according to classification; Individual members, 338, annual dues \$5; Foreign members, 8, annual dues according to gross receipts; Association members, 2, annual dues \$25.

Meetings: Annual, at various places.

Library: 2,000 volumes and 30 filing cabinets containing special statistical reports, clippings from the technical press, pamphlets, etc.

Publications: Annual Proceedings, price varies with each year.

312. American Tree Association. 1214 Sixteenth Street, N. W., Washington, D. C. *President:* Randolph G. Pack. *Secretary:* Tom Gill.

History: Organized January 1, 1922.

Object: Popular education in forestry and tree planting.

313. American Trudeau Society. 1790 Broadway, New York, N. Y. *President:* Harold Trimble, Oakland, Calif. *Secretary:*

Julius L. Wilson, New Orleans, La. Officers elected for one year; terms expire 1942.

History: Organized 1905 as the American Sanatorium Association; name changed in 1939 to present title.

Object: To concentrate the Society's influence and effort on the eradication of tuberculosis.

Membership: Active, annual dues \$12; Junior, \$5. Total membership 1,121. List of members available for \$1.

Meetings: Annual, at various places.

Publications: American Review of Tuberculosis, free to members, \$7 to Juniors.

314. American Type Culture Collection. Georgetown University School of Medicine, 3900 Reservoir Road, N. W., Washington, D. C. *Curator:* Mario Mollari. *Secretary:* Katherine Alvord.

History: Founded 1911.

Object: To carry type cultures of microorganisms and distribute them.

Membership: Sponsored by: Society of American Bacteriologists, American Phytopathological Society, American Association of Pathologists and Bacteriologists, Cancer Research Institute, and the American Society of Zoologists.

Publications: A catalogue is published every four years.

315. American Urological Association. *President:* Oswald S. Lowley, 111 East 71st Street, New York, N. Y. *Secretary:* Clyde L. Deming, 789 Howard Avenue, New Haven, Conn. Term of President, elected for one year, expires June, 1942.

History: Organized 1902 in New York City.

Sections: New England: Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, and the Eastern Section of Canada including the province of Quebec, New Brunswick, Nova Scotia, Prince Edward Island, and Newfoundland; New York: Southeastern part of the state of New York, including Long Island and the northern part of the state of New Jersey; Central: State of New York except the southeastern portion, the western portion of state of Pennsylvania, and all of the province of Ontario in Canada; Mid-Atlantic: Eastern portion of Pennsylvania, southern portion of New Jersey, and the states of Maryland, Delaware, Virginia, and West Virginia, and the District of Columbia; South-eastern: Kentucky, North Carolina, South Carolina, Tennessee, Louisiana, Mississippi, Alabama, Georgia, Florida, Puerto Rico, Virgin Islands, and the Canal Zone; North Central: Ohio, Indiana, Illinois, Wisconsin, Iowa, Minnesota, North Dakota, South Dakota, Michigan, and the province of Manitoba; South Central:

Nebraska, Kansas, Missouri, Arkansas, Oklahoma, Texas, and Colorado; Western: New Mexico, Arizona, Idaho, Utah, Montana, California, Oregon, Washington, Nevada, Wyoming, Saskatchewan, Alberta, British Columbia, Alaska, Hawaii, Philippine Islands, Guam and Samoa. *Branch societies:* Chicago, Detroit, Philadelphia, Pittsburgh, and Western New York and Ontario.

Object: To encourage the study, to improve the practice, to elevate the standards, and to advance the cause of urology.

Membership: Active and Senior members, 1,160; Associate, 12; Honorary, 20; Corresponding, 5. Total membership 1,197. Active members pay an entrance fee of \$25 and annual dues of \$15. List of members available.

Meetings: Annual, at various places.

Research funds, medals, etc.: Yearly appropriation for the recording and special study of bladder tumors and malignant tumors of the kidney. The Tumor Registries are maintained in the Army Medical Museum, Washington, D. C. **SCIENTIFIC EXHIBIT AWARDS**, three prizes, consisting of certificates and money, awarded annually for the best scientific exhibits presented at the annual meeting. **ANNUAL PRIZE ESSAY COMPETITION**, limited to Residents in Urology in recognized hospitals and to urologists who have been in the practice of urology for not more than five years. Subject matter of the essay must be the result of some specific clinical or laboratory research in urology. The Committee on Research determines the number and amount of the awards to be made; winners are given a place on the program of the annual meeting. **RAMON GUTERAS LECTURE**, established in honor of one of the founders of the Association and its first president, presented at the annual meeting, by any physician, surgeon, or scientist who has made a noteworthy contribution to urology either within the field of urology or in some related field. The amount of the award is left to the discretion of the Guterias Lecture Committee.

Publications: Transactions, 1-12, 1907-1920; continued in Journal of Urology, monthly, 1-45, 1917-1941, price \$10, free to active members.

316. American Veterinary Medical Association. 600 South Michigan Avenue, Chicago, Ill. *President:* H. W. Jakeman, 44 Bromfield Street, Boston, Mass. *Executive Secretary:* John G. Hardenbergh. Term of President, elected for one year, expires August, 1942; of Secretary, elected for one year, January 1, 1943.

History: Organized 1863 as the U. S. Veterinary Medical Association; name changed 1898 to present title; incorporated 1917 in Illinois. *Sections:* General Practice; Sanitary Science

and Food Hygiene; Research; Small Animals; Poultry; Surgery and Obstetrics.

Object: To promote the science and art of veterinary medicine; to improve, encourage, and support the development of veterinary services; to elevate the standards of veterinary education; to protect the professional and personal interests of duly qualified veterinarians; to procure the enactment of just and appropriate laws and regulations governing the practice of veterinary medicine; to direct public attention to the relationship of animal production and animal health to human welfare; to cooperate with public health services in controlling diseases of domestic animals detrimental to mankind and those diseases that destroy food animals.

Membership: Corporate, General, Honorary, and Junior members. Entrance fee \$5; annual dues \$5. Total membership 6,800. List of members available.

Meetings: Annual, at place selected.

Library: 800 volumes on veterinary science, animal pathology, and related fields.

Research funds, medals, etc.: Research is carried on under the supervision of an Advisory Research Council. Various fellowships are maintained. The Twelfth International Veterinary Congress Prize is awarded annually to a member of the Association for the most noteworthy contribution to the advancement of veterinary science during the preceding year.

Publications: American Veterinary Review, 1-47, 1877-1915; name changed to Journal of the American Veterinary Medical Association, monthly, 48-99, 1915-1941, price \$5, Canadian and foreign \$6, free to members. American Journal of Veterinary Research, quarterly, 1-2, 1940-1941, price \$2.50 to members, \$4 to non-members and in Canada and countries in the Pan-American Postal Union, \$4.30 foreign.

317. American Vocational Association, Inc. 1010 Vermont Avenue, N. W., Washington, D. C. *President:* L. R. Humphreys, State College of Agriculture, Logan, Utah. *Executive Secretary:* L. H. Dennis. Term of President, elected for one year, expires December, 1941; of Secretary, elected for five years, December, 1944.

History: Organized in 1925 by union of the National Society for Vocational Education and the Vocational Education Association of the Midwest. *Sections:* Agricultural Education, Business Education, Home Economics Education, Industrial Arts Education, Industrial Education, Part-time Schools, Vocational Guidance, and Vocational Rehabilitation.

Object: To further occupational education as an integral part of the educational services of the public schools.

Membership: Active members, Life members. Annual dues are \$3 for individual members,

and \$1 for affiliated state association members. Total membership 25,092.

Meetings: Annual, at various places.

Publications: A. V. A. Journal and News Bulletin, quarterly, 1-16, 1925-1941, price \$1, free to members.

318. American Water Works Association. 22 East 40th Street, New York, N. Y. *President:* Louis R. Howson, Civic Opera Building, Chicago, Ill. *Secretary:* Harry E. Jordan. Term of President, elected for one year, expires June, 1942.

History: Organized 1881. *Sections:* California, Canadian, Cuba, Florida, Four States, Illinois, Indiana, Kentucky-Tennessee, Michigan, Minnesota, Missouri Valley, Montana, New England, New Jersey, New York, North Carolina, Ohio, Pacific Northwest, Rocky Mountain, Southeastern, Southwest, Virginia, Western Pennsylvania, West Virginia, Wisconsin. *Professional Divisions:* Plant Management and Operation, Water Purification, and Finance and Accounting.

Object: Advancement of the knowledge of the design, construction, operation, and management of water works.

Membership: Active, annual dues \$10; Corporate, \$15; Associate, \$25. Total membership 4,000.

Meetings: Annual, at various places.

Library: 500 volumes on water supply.

Research funds, medals, etc.: Research project at New York University, on the effects of electric grounding on water pipes, \$1,500 during 1941. JOHN M. DIVEN MEMORIAL MEDAL, awarded annually to the member who has rendered the most outstanding service to the Association during the year, as determined by the committee, and ratified by the Board of Directors. JOHN M. GOODELL PRIZE, certificate and \$50, awarded annually to the member who has made the most notable contribution to the science or practice of water works development usually as recorded in the form of a paper published in the Association's Journal, selected by a committee, ratified by the Board of Directors.

Publications: Journal, monthly, 1- , 1914- , price \$7, free to members.

319. American Welding Society. 33 West 39th Street, New York, N. Y. *President:* Colonel G. F. Jenks, 4346 Social Security Building, Washington, D. C. *Secretary:* M. M. Kelly. Term of President, elected for one year, expires October, 1942; Secretary appointed annually.

History: Organized as a result of the termination of activity of the Welding Committee of the Emergency Fleet Corporation, U. S. Shipping Board, March 27, 1919. *Sections:*

Forty-three geographic sections; technical committees. *Reference:* Welding Journal 19: 905-908, 1940.

Object: To increase the knowledge of welding and to extend its applications.

Membership: Members, annual dues \$15; Sustaining, \$100; Associate, \$10; Operating, \$5 in the United States and Canada, \$10 in other countries; Student, \$2.50; Honorary. Total membership 4,670. List of members available for \$1.

Meetings: Annual, at various places.

Research funds, medals, etc.: \$80,000 is available for research projects. SAMUEL WYLIE MILLER MEMORIAL MEDAL, awarded to the person who, in the judgment of the Board of Trustees of the Medal, has contributed conspicuously to the advancement of the welding or cutting of metals. LINCOLN GOLD MEDAL, awarded to the author of the paper published in the Journal which has contributed most to the advancement and use of welding. RESISTANCE WELDING PRIZE CONTEST, offered by the Resistance Welder Manufacturers' Association, for the best papers presented during the year on resistance welding; seven prizes, totalling \$700. AIRCRAFT STEEL WELDING PRIZE CONTEST, awarded for papers which advance the art of welding of aircraft steels including tubing and other steel parts for tubular assemblies; the prizes total \$600.

Publications: Welding Journal, monthly, 1-20, 1922-1941, price \$5, free to members. Yearbook, price \$1.

330. American Wildlife Institute. 822 Investment Building, Washington, D. C. *President:* F. C. Walcott, Norfolk, Conn. *Secretary:* J. Paul Miller. Terms expire 1942.

History: Organized August 14, 1935, under a charter granted by the District of Columbia, July 22, 1935.

Object: To promote and assist in the coordination of wildlife conservation, restoration, and management work of existing agencies in the Western Hemisphere.

Membership: Regular members, annual dues \$5 or more; Active, \$10 or more; Contributing, \$25 or more; Sustaining, \$100 or more; Patrons, \$1,000 or more; Endowment, \$10,000 or more.

Meetings: Annual, at various places. Sponsors the North American Wildlife Conferences.

Library: 2,000 volumes on game management and the restoration of natural resources.

Research funds, medals, etc.: The Institute participates in the operation of a number of cooperative wildlife research, demonstration, and management units located at strategic points throughout the country.

Publications: American Game, 1913-1935; name changed to American Wildlife, bimonthly, 1935-1941, price \$1, free to members.

331. American Wood-Preservers' Association. 1427 Eye Street, N. W., Washington, D. C. *President:* W. P. Conyers, Jr., Taylor-Colquitt Company, Spartanburg, S. C. *Secretary:* H. L. Dawson. Term of President, elected for one year, expires April, 1943; Secretary appointed.

History: Organized 1904 as the Wood Preservers' Association; name changed in 1912 to present title.

Object: The promotion of knowledge of the materials, methods, and principles involved in the economic design, location, construction, maintenance, and operation of wood-preserving works; the standardization of specifications for wood preservatives and for their introduction into the materials to be preserved; the improvement of materials and methods used in construction with preserved wood; and the maintenance of high standards of business ethics in the wood-preserving industry.

Membership: Corporate, entrance fee \$10, annual dues \$10; Associate, \$15, \$10. Total membership 700. List of members available.

Meetings: Annual, at various places.

Publications: Proceedings, 1-37, 1905-1941, price \$6, free to members. Wood Preserving News, monthly, price \$1 a year.

332. American Zinc Institute, Inc. 60 East 42nd Street, New York, N. Y. *President:* Howard I. Young, Paul Brown Building, St. Louis, Mo. *Secretary:* Ernest V. Gent.

History: Organized July 30, 1918, at St. Louis, Mo.; incorporated October 22, 1919, in New York.

Object: To promote the welfare of the zinc industry.

Membership: Active members, Associate members, entrance fee \$15, annual dues \$25; Honorary members. Total membership 139.

Meetings: Annual, the latter part of April.

Library: About 700 volumes on zinc.

Publications: Zn., monthly, 1918-1929; annually, 1930 to date, free to members and others.

333. Amerind Foundation, Inc. *President:* W. S. Fulton, Dragoon, Ariz. *Secretary:* T. F. Moore, Waterbury, Conn.

History: Incorporated in 1937 under the laws of Connecticut.

Object: Science and education, primarily in the field of archaeology.

Research funds, medals, etc.: Funds are available for archaeological investigations.

Publications: Occasional publications are sent free to a selected list.

Andrew Clinical Society. See John A. Andrew Clinical Society.

324. Anthracite Institute. 19 Rector Street, New York, N. Y. *President:* Charles F. Huber. *Executive Director:* Louis C. Madeira, III.

History: In 1915 the anthracite operators established the Anthracite Bureau of Information with headquarters at Wilkes-Barre, Pa., which functioned under what was then known as the General Policies Committee of Anthracite Operators. In May, 1924, the name was changed to the Anthracite Operators' Conference. The Anthracite Institute was organized in September, 1929, with offices in New York and the office of the Treasurer in Philadelphia.

Object: To promote the best interests of the anthracite industry and those engaged therein, and to protect the consuming public against unfair practices.

Membership: Consists of all of the larger and a number of the smaller producing interests in the anthracite region. The Institute is supported from assessments made upon the members in direct proportion to their tonnage in the latest calendar year for which the information is made available by the Pennsylvania State Department of Mines.

Meetings: At the call of the President.

Research funds, medals, etc.: Research work includes the management of the Anthracite Institute Laboratory, now under the auspices of Anthracite Industries, Inc., a corporation with headquarters in the Chrysler Building, New York City.

Publications: Weekly News and Statistical Bulletin, mimeographed. Statistical Statement of Anthracite Shipments, weekly and monthly. Trade and Consumer Educational Material.

325. Anthropological Society of Washington.

President: George S. Duncan, American University, Washington, D. C. *Secretary:* Regina Flannery, Catholic University of America, Washington, D. C. Officers elected for one year; terms expire January, 1943.

History: Organized February 10, 1879; incorporated December 13, 1887.

Object: To encourage the study of the natural history of man, especially with reference to America.

Membership: Active members, 41, annual dues \$6; Associate, 12, \$2; Life, 2, payment of \$60. List of members in the Directory of the Washington Academy of Sciences.

Meetings: The third Tuesday of each month from October to April at the National Museum, Washington, D. C.

Publications: Transactions, 1-3, 1879-1885, continued in American Anthropologist, 1-11, 1888-1898. Current transactions are published in the Journal of the Washington Academy of Sciences. American Anthropologist, quarterly,

1-11, 1888-1898; n. s. 1-43, 1899-1941, price \$6, free to active and life members. Special Papers, no. 1-2, 1894.

326. Appalachian Geological Society. P. O. Box 1435, Charleston, W. Va. *President:* Charles Brewer, Godfrey L. Cabot, Inc., Union Building, Charleston, W. Va. *Secretary:* R. S. Hyde, West Virginia Gas Corporation, Union Building, Charleston, W. Va. Officers elected for one year; terms expire December, 1942.

History: Organized 1930.

Object: The study of geological problems, both practical and technical, as they affect oil and gas operations in the Appalachian area.

Membership: Active members, entrance fee \$3; Associate, \$2. Total membership about 110.

Meetings: The second Monday in each month, except in June, July, and August.

327. Appalachian Mountain Club. 5 Joy Street, Boston, Mass. *President:* Irving Meredith, 201 Devonshire Street, Boston, Mass. *Secretary:* Lowell S. Nicholson, 10 State Street, Boston, Mass. Officers elected for one year; terms expire January, 1943.

History: Organized January, 1876; incorporated April, 1878. *Chapters:* New York, New York City; Narragansett, Providence, R. I.; Worcester, Mass.; Connecticut, New Haven; Merrimack Valley, New Hampshire; Berkshire, Springfield, Mass.

Object: The exploration of the mountains of New England and the adjacent regions, both for scientific and artistic purposes, and, in general, the cultivation of an interest in geographical studies.

Membership: Annual, entrance fee \$10, which includes dues for the first year, annual dues \$5; Honorary; Corresponding; Life, payment of \$75. Total membership 4,543.

Meetings: Monthly, October to May inclusive.

Library: 3,200 volumes on mountaineering, camping, and travel.

Publications: Appalachia, semiannual since 1922, 1-23, 1876-1941, price \$2, free to members.

328. Archaeological Institute of America. Schermerhorn Hall, Columbia University, New York, N. Y. *President:* William B. Dinsmoor. *General Secretary:* Meriwether Stuart. Terms expire December, 1942.

History: Founded 1879, at Boston; incorporated May 26, 1906, by Act of Congress. Affiliated societies: Baltimore, Bethlehem, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Connecticut (New Haven), Des Moines, Detroit, Hartford, Iowa (Iowa City), Los Ange-

les, Middletown, New Jersey (Princeton), New York, Oberlin, Oxford, Philadelphia, Pittsburgh, Richmond, Rochester, St. Louis, San Francisco, Santa Fe, Springfield, Toledo, Toronto, Walla Walla (Washington), Wisconsin (Madison). The names and addresses of secretaries of these societies are given in the Annual Bulletin. The Institute has founded and maintains connection with six schools of archaeology, as follows: American School of Classical Studies at Athens; founded 1881; Secretary of Managing Committee, La Rue Van Hook, Columbia University, New York City. American School of Classical Studies in Rome; 1895; which consolidated with the American Academy in Rome in 1913; Executive Secretary, Roscoe Guernsey, 101 Park Avenue, New York City. American Schools of Oriental Research; 1900; with headquarters in Jerusalem and a branch school in Bagdad opened in 1923; President, Millar Burrows, 409 Prospect Street, New Haven, Conn. School of American Research; founded in 1907 with title of School of American Archaeology, name changed in 1917; with headquarters at Santa Fe, N. M., and a branch work in San Diego, Calif., opened in 1915; Director, Edgar L. Hewett, Santa Fe, N. M. American School of Prehistoric Research; 1921; Director, George Grant MacCurdy, Old Lyme, Conn.

Object: The promotion and direction of archaeological investigation and research.

Membership: Life members, \$200; Fellows, annual dues \$100; Contributing, \$50; Sustaining, \$15; Annual, \$10; Associate, \$5; Junior, \$3. List of members published infrequently in the Bulletin. Any local archaeological society consisting of not less than twenty-five members, may by vote of the Council, be affiliated with the Institute.

Meetings: Annual, during the last week of December, at various educational institutions of the country.

Publications: American Journal of Archaeology, quarterly, 1-44, 1897-1941, price, domestic \$6, foreign \$7, free to members paying \$10 or more annually, and to life members. Annual Report, 1-17, 1880-1896; 18-29, 1897-1908 published in the American Journal of Archaeology. Bulletin, annual, 1- , 1910- . Papers, American series, 1-5, 1881-1892; Classical series, 1-3, 1882-1897.

329. Archaeological Society of Washington. 315 Southern Building, Washington, D. C. *President:* Wade H. Ellis. *Director-Secretary:* Mrs. Mitchell Carroll.

History: Organized by Dr. Mitchell Carroll in 1902; incorporated January, 1921.

Object: The dissemination of scientific knowledge in popular form.

Membership: Annual members, 177, annual dues \$15; Sustaining, \$25; Non-resident, 12, \$10; Life, 40.

Meetings: Monthly, November to May inclusive.

Research funds, medals, etc.: MITCHELL CARROLL RESEARCH FUND, established December, 1925, to aid or to undertake field research.

Publications: Art and Archaeology, July 1, 1914-July 1, 1934; suspended publication.

330. Ardmore Geological Society. Ardmore, Okla. *President:* C. W. Tomlinson, Simpson Building, Ardmore, Okla. *Secretary:* C. E. Hannum, Box 539, Ardmore, Okla. Terms expire January, 1942.

History: Organized 1922. *Reference:* Humanizing Geology, by Charles N. Gould, Mining and Engineering Journal, 127: 357-358, 1929.

Object: The study of problems of petroleum geology in Southern Oklahoma.

Membership: Active members, annual dues \$2. Total membership 15.

Meetings: Monthly, except during the summer months.

331. Arizona Public Health Association. *President:* Robert A. Greene, Arizona State Laboratories, Tucson, Ariz. *Acting Secretary:* Marion E. Stroud, Phoenix Branch State Laboratory, Arizona State Building, Phoenix, Ariz. Term of President, elected for one year, expires 1942.

History: Organized 1926. First called Dairy Meeting.

Membership: Health officers, Nurses, Laboratory workers, Clerks, Veterinarians, Sanitary inspectors; annual dues \$1. Total membership 110.

Meetings: Annual, at various places.

332. Arizona State Medical Association. 202 Security Building, Phoenix, Ariz. *President:* W. Paul Holbrook, 4 East Congress Street, Tucson, Ariz. *Secretary:* W. Warner Watkins, 507 Professional Building, Phoenix, Ariz. Terms expire May, 1942.

History: Organized 1892.

Object: To promote the art and science of medicine, to elevate standards of medical education, and to promote the public health.

Membership: Annual dues \$15. Total membership 360.

Meetings: Annual, and on call.

Publications: Southwestern Medicine, monthly, free to members. Arizona State Medical Association Bulletin, September to June, free to members.

333. Arkansas Academy of Science. *President:* I. A. Wills, John Brown University, Siloam

Spring, Ark. *Secretary*: L. B. Ham, University of Arkansas, Fayetteville, Ark. Term of President, elected for one year, expires April, 1942; of Secretary, elected for five years, April, 1943.

History: Organized in 1917 as the Arkansas Academy of Science; held one meeting and disbanded because of the war. Reorganized in 1932 and held first meeting in spring of 1933. Name changed to Arkansas Academy of Science, Arts and Letters in 1934. Name changed to present title in 1941.

Object: The promotion and diffusion of knowledge in the field of science and the unification of these interests in the State.

Membership: Active members, entrance fee \$1, annual dues \$1. Total membership 75.

Meetings: Annual, at various colleges in the State.

334. Arkansas Engineers Club. *President*: R. C. Gibson, 410 North Spruce Street, Little Rock, Ark. *Secretary*: Harold J. Engstrom, Jr., Arkansas Foundry Company, Little Rock, Ark. Officers elected for one year; terms expire February, 1942.

History: Organized as the Arkansas Engineers Society; name changed 1920 to Arkansas Chapter of the American Association of Engineers, and in 1924 to present title.

Object: The advancement of the engineering profession in the State and the promotion of fellowship among members.

Membership: Annual dues \$3. Total membership 350.

Meetings: Annual, at Little Rock, Ark.

335. Arkansas Medical Society. 610 First National Bank Building, Fort Smith, Ark. *President*: H. Fay H. Jones, Little Rock, Ark. *Secretary*: W. R. Brooksher, Fort Smith, Ark. Officers elected for one year; terms expire 1942.

History: Organized 1875. *Sections*: Ophthalmology and Otolaryngology. *Reference*: The Journal of the Arkansas Medical Society, 1940-1941, is currently publishing a history of the Society.

Object: To organize the medical profession of the State, to advance medical education, and to foster the relations of physicians.

Membership: Annual dues \$5. Total membership 1,100. List of members available for 50 cents.

Meetings: Annual.

Publications: Journal, monthly, 1903-1941, price \$3, free to members.

336. Arkansas Pharmaceutical Association. Capital Hotel, Room 240, Little Rock, Ark. *President*: J. B. Ketchum, Newark, Ark.

Secretary: Irl Brite. Term of President expires June 1, 1942.

History: Incorporated 1889.

Membership: Drug store owners, annual dues \$5; clerks, \$2. List of members available for \$5.

Meetings: Annual.

Publications: Arkansas Druggist, monthly, price \$1.

337. Armco Drainage Products Association. 701 Curtis Street, Middletown, Ohio. *President*: W. H. O'Neill, W. Q. O'Neill Company, Crawfordsville, Ind. *Secretary*: M. F. Shelt, Ohio Corrugated Culvert Company, Middletown, Ohio. Officers elected for one year; terms expire September, 1942.

History: Organized 1908 as the National Corrugated Culvert Manufacturing Company; name changed in 1917 to the Armco Iron Culvert and Flume Manufacturers Association; name changed in 1927 to Armco Culvert Manufacturers Association; name changed in 1939 to present title.

Object: Research, collection, and dissemination of data with special reference to highway, municipal, and railway drainage problems.

Membership: Open to manufacturers of Armco drainage products, annual dues vary. Total membership 30.

Meetings: Annual, in Middletown, Ohio.

Library: 250 volumes on drainage and related subjects.

Research funds, medals, etc.: A laboratory is maintained at Middletown to investigate the application of various materials to drainage problems.

Publications: Highway Magazine, monthly, 1-32, 1910-1941, free to members and to all engaged in highway, railway, and municipal work.

338. Army Ordnance Association. Mills Building, Washington, D. C. *President*: Benedict Crowell. *Secretary*: L. A. Codd.

History: Organized 1919; incorporated 1928.

Object: To keep alive an interest in and knowledge of the design, production, and maintenance of munitions in order to assist in effecting industrial preparedness for war, as being one of the Nation's strongest guarantees of peace.

Membership: Open to all American citizens interested in the object of the Association. Members, annual dues \$4; Student members, \$2.25; Group members, \$100; Life members, payment of \$100.

Meetings: Annual, with the approval of the War Department, at the Aberdeen Proving Ground, Maryland, usually during the month of October. Meetings of local chapters are held periodically.

Publications: Army Ordnance, bimonthly, 1- , 1920- , free to members.

Asociacion Medica de Puerto Rico. See Puerto Rico Medical Association.

339. Asphalt Institute. 801 Second Avenue, New York, N. Y. *President:* Herbert Spencer. *Secretary:* W. R. Macatee. Officers elected for one year; terms expire March 31, 1942.

History: Organized May, 1919, as the Asphalt Association; name changed January 1, 1930, to present title. *Section:* Pacific Coast Division.

Object: To develop and improve the use of asphalt through investigation, research, standardization, and education.

Membership: Regular membership; Fellowship members. Members must be producers of asphalt and asphaltic oil, cut-backs, emulsions, or fluxes from crude petroleum. No annual dues, but contributions made in the form of a pro rata on tonnage sold during the preceding calendar year. Total membership 25.

Meetings: Annual, in New York City at headquarters; Board of Directors meets regularly five times a year; special meetings on call.

Library: 1,000 volumes on highway subjects and all asphalt uses.

Research funds, medals, etc.: \$25,000 annually. A research laboratory is maintained.

Publications: Quarterly Digest of Current Asphalt Literature. Research Series. Construction Series. Information Series.

340. Associated Engineers of Spokane. *President:* H. L. Vincent, Westinghouse Supply Company, Spokane, Wash. *Secretary:* H. C. Bender, 825 Trent Avenue, Spokane, Wash. Officers elected for one year; terms expire January, 1942.

History: Organized about 1912.

Object: The mutual benefits of members, the maintenance of high professional standards, the advancement of arts and sciences, and the welfare of the community.

Membership: Members, 60, annual dues \$3; Staff members, 26, \$3; Associate members, 10, \$5. Roster of members published occasionally.

Meetings: Weekly, at the Davenport Hotel, Spokane, Wash.

341. Association for Color Research. 820 North Michigan Avenue, Chicago, Ill. *President:* Merle B. Sweet, 3460 West Monroe Street, Chicago, Ill. *Secretary:* James Gisondi, 2012 Jackson Boulevard, Chicago, Ill. Officers elected for one year; terms expire September, 1942.

History: Organized November 18, 1936, as a non-profit association of technicians in allied arts and industries.

Object: To correlate the various branches of color research in the allied arts and industries, to promote standards of nomenclature and usage, and to encourage the correct use of color by industry and individuals.

Membership: Members, annual dues \$5. Total membership 27. List of members available.

Meetings: Monthly, from September through June.

342. Association for Education by Radio. *Chairman:* Harold W. Kent, Bureau of Public Relations, War Department, Washington, D. C. *Chairman of Membership Committee:* William D. Boutwell, U. S. Office of Education, Federal Security Agency, Washington, D. C.

History: Organized May, 1941. *Sections:* Six geographical regions.

Object: To encourage experimentation and research in education by radio.

Membership: Charter membership, \$3 to March 14, 1943. Voting members, Contributing members. Annual dues \$2.

Meetings: With the American Association of School Administrators.

Publications: Journal of the Association for Education by Radio, monthly, price \$2, free to members.

343. Association for Research in Human Heredity. 60 East 42nd Street, New York, N. Y. *President:* Frederick Osborn. *Secretary:* John L. Caughey, Jr., Presbyterian Hospital, 168th Street and Broadway, New York, N. Y.

History: Organized 1918 as the Eugenics Research Association; incorporated 1928; name changed in 1938 to present title.

Object: To promote experimentation and research in eugenics and human heredity.

Membership: Active, Sustaining, and Life members. Annual dues \$3. Total membership 80.

Meetings: Annual, usually in May.

344. Association for Research in Nervous and Mental Disease. *President:* Stanley Cobb, Massachusetts General Hospital, Boston, Mass. *Secretary:* Clarence C. Hare, 115 East 82nd Street, New York, N. Y. Officers elected for one year; terms expire January, 1942.

History: Founded in 1920.

Object: To foster research in nervous and mental disease, and to prepare publications based upon such research.

Membership: Active members, annual dues \$10; Sustaining, \$25. Total membership, about 350.

Meetings: Annual, in New York City.

345. Association for the Advancement of Industrial Medicine and Surgery, Inc. 370 Lexington Avenue, New York, N. Y. *President:* Halcyon Halstead, 1024 Clay Avenue, Pelham Manor, N. Y. *Secretary:* John J. Blackford. Officers elected for one year; terms expire January 1, 1942.

History: Organized February 1, 1935.

Membership: Licensed physicians and surgeons and employees of industrial concerns, entrance fee \$10, annual dues \$10. Total membership 250. List of members available for \$5.

Meetings: Every two months, at the Academy of Medicine, New York City.

Research funds, medals, etc.: Research is conducted by the scientific committee.

Publications: Industrial Medicine, monthly, 1934-1941, free to members.

346. Association for the Advancement of Psychoanalysis. *President:* William V. Silverberg, 315 Central Park West, New York, N. Y. *Secretary:* Harold Kelman, 1230 Park Avenue, New York, N. Y. Officers elected for one year; terms expire April, 1942.

History: Organized May 5, 1941, by a group of members of the American Psychoanalytic Association.

Object: Research and training in psychoanalysis and the dissemination to the community of those elements in psychoanalysis which may be useful to it.

Membership: Members, Honorary members. Entrance fee \$25, annual dues \$25. Total membership 23. List of members available.

Meetings: Monthly, from September to May, in New York City.

Publications: American Journal of Psychoanalysis.

347. Association for the Study of Internal Secretions. 25 Shattuck Street, Boston, Mass. *President:* Edgar Allen, 333 Cedar Street, New Haven, Conn. *Secretary:* Henry H. Turner, 1200 North Walker Street, Oklahoma City, Okla. Officers elected for one year; terms expire June, 1942.

History: Organized 1917 in New York City; incorporated January, 1918. *References:* Endocrinology, 23: 666, 1938; 25: 457, 1939. The Association is conducted strictly for scientific purposes and is not organized for profit.

Object: To stimulate an interest in the study of the internal secretions, and to collect and disseminate literature on this subject.

Membership: Active members, 800, annual dues \$10, including subscription to Endocrinology or to the Journal of Clinical Endocrinology.

Meetings: Annual at place and time determined by the Council.

Research funds, medals, etc.: E. R. SQUIBB AND SONS ANNUAL AWARD, \$1,000.

Publications: Endocrinology, 1-29, 1917-1941. Since 1938 issued monthly, 2 volumes a year, subscription price \$10 a year domestic and Pan American Postal Union, \$10.50 in Canada, \$11 foreign. Journal of Clinical Endocrinology, 1- , 1941- , monthly, price \$6.50.

348. Association of American Colleges. 19 West 44th Street, New York, N. Y. *President:* Remsen D. Bird, Occidental College, Los Angeles, Calif. *Executive Director:* Guy E. Snively. Term of President, elected for one year, expires January, 1942.

History: Organized 1914.

Object: The promotion of higher education in all its forms in the colleges, and the prosecution of such plans as may make more efficient the institutions included in its membership.

Membership: Four-year liberal arts colleges, annual dues \$50. Total membership 564. List of members available for 10 cents.

Meetings: Annual, at various places.

Library: 1,000 volumes on higher education.

Research funds, medals, etc.: Fund for arts project, to make good musical and other artistic talent available to colleges at cost; fund for library project, to study the library in its relation to instruction. Special grants are made.

Publications: Association of American Colleges Bulletin, issued in March, May, October, and December, 1-27, 1914-1941, price \$3. Three copies free to members of the Association. March issue of Bulletin, \$1.50.

349. Association of American Feed Control Officials, Inc. *President:* P. B. Curtis, Lafayette, Ind. *Secretary:* L. E. Bopst, College Park, Md. Officers elected for one year; terms expire October, 1942.

History: The first meeting of the Association of Feed Control Officials was held in Washington, D. C., January 26 and 27, 1910. The formation of the Association had its origin in a suggestion of the American Feed Manufacturers' Association which invited the Feed Control Officials of the United States to join them in a general conference which was held in Washington, D. C., September 9 and 10, 1909. This conference had been called primarily for the purpose of beginning systematic endeavors to bring about a degree of uniformity in laws, rules, and regulations. In 1929 the name was changed to the Association of American Feed Control Officials, Inc.

Object: To promote uniformity in legislation, definitions, and rulings, and the enforcement of laws relating to the manufacture, sale, and distribution of feedingstuffs and livestock remedies in North America.

Membership: The officers charged by law with execution of State, Dominion, and Federal laws regulating the sale of commercial feeding-stuffs and livestock remedies; the Secretary of the United States Department of Agriculture; the heads or chiefs of experiment stations, bureaus, divisions, sections, and laboratories charged by law with the examination of feeding-stuffs and livestock remedies; such deputies as shall be duly designated by the official named under the above classifications. Annual dues \$15. List of members available.

Meetings: Annual, at Washington, D. C.

Publications: Official Publication, annual, price 50 cents a copy. Several copies are furnished each member free of charge.

350. Association of American Geographers.

President: J. Russell Smith, Columbia University, New York, N. Y. **Secretary:** Ralph H. Brown, University of Minnesota, Minneapolis, Minn. Term of President, elected for one year, expires December, 1942; of Secretary, indefinite.

History: Organized December 29, 1904, in Philadelphia.

Object: The cultivation of the scientific study of geography in all its branches, especially by promoting acquaintance, intercourse, and discussion among its members; by encouraging and aiding geographical exploration and research; by assisting the publication of geographical essays; by developing better conditions for the study of geography in schools, colleges, and universities; and by cooperating with other societies in the development of an intelligent interest in geography among the people of North America.

Membership: Limited to those who have done original work in scientific geography. Annual dues \$7.50. Total membership 167. List of members available for \$1.

Meetings: Annual, at place selected by the Council.

Research funds, medals, etc.: WALLACE W. ATWOOD FUND FOR RESEARCH IN PHYSICAL GEOGRAPHY, capital \$2,000, for the support of field work in physical geography. RESEARCH FUND, given by authors of "Our Natural Resources and their Conservation" for the support of research, the amount received being part of the royalties from sale of the book.

Publications: Annals, quarterly, 1-31, 1911-1941, free to members and on exchange with geographic organizations, mostly in Europe.

351. Association of American Medical Colleges.

5 South Wabash Avenue, Chicago, Ill. **President:** L. R. Chandler, San Francisco, Calif. **Secretary:** Fred C. Zapffe. Term of President, elected for one year, expires October, 1942.

History: Organized 1890.

Object: The improvement of medical education and teaching.

Membership: Medical schools only. Annual dues \$150. Total membership 85.

Meetings: Annual, at various places.

Publications: Journal, bimonthly, 1926-1941, price \$3, included in dues. News Bulletin, monthly, free to deans.

352. Association of American Physicians. Secretary:

Hugh J. Morgan, Vanderbilt University, School of Medicine, Nashville, Tenn.

History: Organized 1886.

Object: The advancement of scientific and practical medicine.

Membership: Active members, limited to 225, annual dues not fixed, usually \$15; Emeritus members, elected after ten years as active members at candidate's request; Honorary members; Corresponding members.

Meetings: Annual, at Atlantic City, N. J.

Research funds, medals, etc.: GEORGE M. KOBER MEDAL, from income of \$1,000, awarded annually to members who have contributed to the progress and achievement of the medical sciences or preventive medicine. GEORGE M. KOBER LECTURESHIP, from income of \$10,000, awarded annually for lectures by men who have contributed to the progress and achievement of the medical sciences or preventive medicine. The lecturers are to be chosen in the following rotation and manner: *First Year*, from members of the Association of American Physicians designated by the Council of said Association; *Second Year*, from members of the Washington Academy of Sciences, the National Tuberculosis Association, the Medical Society of the District of Columbia, and the Washington Anthropological Society. The lecturer is to be designated by the Executive Committee of the Medical Society of the District of Columbia. *Third Year*, from members of the Medical Corps of the Army, Navy, U. S. Public Health Service, and members or fellows of the American Public Health Association. The lecturer is to be selected by the Executive Council of the Association of Military Surgeons of the United States.

Publications: Transactions, annual, 1-1886-, price variable, but usually \$5, free to members.

353. Association of American Railroads. Transportation Building, Washington, D. C. President:

J. J. Pelley. **Secretary:** H. J. Forster.

History: Organized October 12, 1934, through consolidation of the Association of Railway Executives, the American Railway Association, the Railway Accounting Officers Association, and the Bureau of Railway Eco-

nomics. Since its organization the following associations have been included: Bureau of Explosives, Presidents' Conference Committee on Federal Valuation (Eastern and Western groups), Railway Treasury Officers Association, Eastern Railroad Association, Western Railroad Association. *Departments:* Law; Operations and Maintenance; Traffic; Finance; Accounting; Taxation and Valuation; Research; Public Relations.

Object: To promote trade and commerce in the public interest, to improve railroad service, and to maintain the integrity and credit of the industry.

Membership: American steam railroads, except those operating less than one hundred miles of road. Railroads which operate less than one hundred miles of road are admitted as associate members. Mimeographed list of members available.

Meetings: Annual, the place and time fixed by the Board of Directors.

Library: Approximately 176,000 volumes covering the entire railroad field. The library is maintained by the Bureau of Railway Economics of the Association and the reading room is open to the public.

Research funds, medals, etc.: Through its Research Department the Association conducts continuous research. In connection with its work the facilities of several of the universities are utilized, notably Purdue University and the University of Illinois.

354. Association of American State Geologists.

President: Raymond D. Moore, State Geologist of Kansas, Lawrence, Kans. *Secretary:* Robert H. Dott, State Geologist of Oklahoma, Norman, Okla. Officers elected for one year; terms expire March, 1942.

History: Organized 1908. The association consists of the state geologists of those states having official geological surveys or bureaus of mines.

Object: To cooperate on problems involving the conservation and development of the mineral resources of the various states.

Membership: Members must hold official positions as state geologists, annual dues \$7. Total membership 42. List of members available.

Meetings: Annual, in Washington, D. C.

Publications: Journal, quarterly, 1-11, 1932-1941, price \$3, free to members.

355. Association of American Universities. Sec-

retary: E. B. Stouffer, University of Kansas, Lawrence, Kans. Term of Secretary, elected for one year, expires November, 1942.

History: Organized by fourteen universities, February 28, 1900.

Object: To consider matters of common interest related to graduate study and research.

Membership: Universities having a strong graduate school. Annual dues \$50. Total membership 33. List of members available in Journal of Proceedings and Addresses of 1940 Conference, price \$1.

Meetings: Annual, with some member institution.

Publications: Journal of Proceedings and Addresses, price \$1.

356. Association of American Women Dentists.

President: Rosalie Corser, Franklin, Tenn. *Secretary:* Muriel K. G. Robinson, 4906 Walnut Street, Philadelphia, Pa. Officers elected for one year; terms expire October, 1942.

History: Organized 1923 at the Cleveland meeting of the American Dental Association.

Membership: Annual dues \$2. Total membership 120.

Meetings: Annual, with the American Dental Association.

357. Association of Asphalt Paving Technologists.

1224 East Engineering Building, University of Michigan, Ann Arbor, Mich. *President:* Claude L. McKesson, 200 Bush Street, San Francisco, Calif. *Secretary:* W. J. Emmons. Term of President, elected for one year, expires January, 1942; Secretary appointed for an indefinite term.

History: The Association began to function in 1926, being the outgrowth of informal meetings held in 1924 and 1925.

Object: The advancement of the technology of asphalt pavement construction.

Membership: Limited to persons who are experienced in and whose duties are such as to cause them to be interested in the technology of asphalt pavement construction, or persons who are interested and experienced in the technical problems of the production of materials or equipment used in the construction of such pavements. Active and Honorary members. Entrance fee \$2, annual dues \$7.50. List of members available for \$2.25.

Meetings: Annual, at various places.

Publications: Proceedings of the Technical Sessions.

358. Association of College and Reference Li-

braries. A division of the American Library Association. 520 North Michigan Avenue, Chicago, Ill. *President:* Donald Coney, University of Texas, Austin, Tex. *Secretary:* B. E. Powell, University of Missouri, Columbia, Mo. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, 1944.

History: Organized 1889 as the College and Reference Section; name changed in 1938 to present title. **Sections:** Agricultural Libraries, College Libraries, Junior College Libraries, Reference Librarians, Libraries of Teacher-training Institutions, and University Libraries.

Object: To bring together in an annual meeting college and university librarians and staff members, librarians and staff members of reference libraries, as well as the reference librarians of public libraries, for the discussions of their common problems and the problems peculiar to academic and scholarly work.

Membership: Any member of the American Library Association may belong without additional dues. Total membership 2,000.

Meetings: Semiannual, with the American Library Association.

Publications: College and Research Libraries, quarterly, 1-2, 1939-1941, price \$3, \$2 to members.

359. Association of College Geology Teachers.

President: Percival Robertson, The Principia, Elmhurst, Ill. **Secretary:** David M. Delo, Knox College, Galesburg, Ill. Term of President, elected for one year, expires 1942; of Secretary, indefinite.

History: Organized May, 1938.

Object: To promote the teaching of geology in colleges.

Membership: Members are required to be teachers of geology in middlewestern colleges. Annual dues \$1. Total membership 15.

Meetings: Annual.

Publications: Proceedings are mimeographed.

360. Association of Collegiate Schools of Nursing.

President: Sister Olivia Gowan, Catholic University of America, Washington, D. C. **Secretary:** Aurelia B. Potts, George Peabody College for Teachers, Nashville, Tenn. Term of President, elected for two years, expires 1942; of Secretary, elected for two years, 1943.

History: Organized 1933.

Object: To develop nursing education on a professional and collegiate level; to promote and strengthen relationships between schools of nursing and institutions of higher education, and to promote study and experimentation in nursing service and nursing education.

Membership: Active and Associate members, annual dues \$25; Honorary members.

Meetings: Annual; special meetings on call.

Publications: Proceedings, price \$1.

361. Association of Commercial Seed Analysts of North America.

President: Macy L. Spracher, Northrup, King and Company, Minneapolis, Minn. **Secretary:** Fred S.

Emmett, National Seed Testing Service, Toledo, Ohio.

History: Organized June, 1922, in Chicago.

Object: To interpret methods, practices, and problems of commercial seed testing to the seed trade, and to assist the application of these practices in commercial production.

Membership: Senior, 27; Junior 7. Entrance fee \$10, annual dues \$5. A college degree or eight years' training and experience are required for membership.

Meetings: Annual.

Research funds, medals, etc.: Research committees act in collaboration with state and federal agencies.

362. Association of Consulting Chemists and Chemical Engineers, Inc.

50 East 41st Street, New York, N. Y. **President:** Louis Weisberg, 71 West 45th Street, New York, N. Y. **Secretary:** Wm. C. Bowden, Jr., 155 Sixth Avenue, New York, N. Y. Officers elected for one year; terms expire October, 1942. **Executive Secretary:** Robert T. Baldwin.

History: Organized 1928; incorporated October 27, 1931.

Object: To advance the science and practice of consulting chemistry and chemical engineering; to improve the service of the profession and to assist in the dissemination of useful information to its clients, to the public, and to all branches of the Government; to promote friendly intercourse and cooperation among the members of the profession in order to further their welfare and to maintain the highest standards of ethics and courtesy; to own and operate buildings, laboratories, instruments, equipment, and facilities for the members in the practice of their profession.

Membership: Members, entrance fee \$10, annual dues \$50. Honorary members, number not to exceed five. Total membership, over 50. Membership is by invitation only. List of members available.

Meetings: Annual, the fourth Tuesday in October. Council meets the fourth Monday in each month.

363. Association of Consulting Management Engineers, Inc.

347 Madison Avenue, New York, N. Y. **President:** George S. Armstrong, 52 Wall Street, New York, N. Y. **Executive Secretary:** Nathaniel W. Barnes. Officers elected for one year; terms expire November, 1942.

History: Organized 1929; incorporated 1933.

Object: The maintenance of high standards of professional conduct, the dissemination of information about the nature and benefits of management engineering service, and the exchange of experience among the members.

Membership: Open to any reputable, seasoned, qualified person or firm offering management counsel; entrance fee \$100, annual dues as assessed by vote. Total membership, 20 firms.

Meetings: Two or more meetings are held annually, in New York or Chicago.

364. Association of Edison Illuminating Companies. 40 West 40th Street, New York, N. Y. **Secretary:** Preston S. Millar.

History: Organized April 15, 1885.

Object: The development of the service to the public of electricity for light, heat, and power, and the promotion of cooperation among members in dealing with the scientific, engineering, and commercial problems involved.

Membership: All illuminating companies, licensed under the Edison patents, are eligible for membership.

Meetings: Annual, in September or October.

Research funds, medals, etc.: Funds are made available to the committee for research work as needed.

365. Association of Food and Drug Officials of the United States. **President:** C. R. Plumb, State Department of Agriculture and Markets, Albany, N. Y. **Secretary:** J. C. Schneider, State Board of Health, 1098 West Michigan Street, Indianapolis, Ind. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, 1944.

History: Organized 1896.

Object: To promote and foster the enactment and enforcement of uniform legislation effective for the protection of the public health and the prevention of fraud and deception in the production, manufacture, distribution, and sale of food products and drugs; to secure the adoption of uniform administrative procedure; and to encourage cooperation among federal, state, county, and municipal officials.

Membership: Members, individuals officially attached to federal, state, county, or municipal departments, or units legally responsible for the enforcement of regulatory food and drug laws, annual dues \$2.50. Associate members, industrial concerns interested in the objectives of the Association, \$10.

Meetings: Annual, at place chosen by a committee.

Publications: Proceedings, 1- , 1897- , free to members; 1897-1905 issued as of the National Association of State Dairy and Food Departments; 1905-1906, the Interstate Pure Food Commission; 1906-1912, the Association of State and National Food and Drug Departments; 9, 12-13, 22-23, in the American Food Journal. Quarterly Bulletin, 1-5, 1937-1941, price \$2.50.

366. Association of Iron and Steel Engineers. 1010 Empire Building, Pittsburgh, Pa. **President:** Thomas J. Hughes, Carnegie-Illinois Steel Corporation, Duquesne, Pa. **Secretary:** James L. Miller, Republic Steel Corporation, 1618 Republic Building, Cleveland, Ohio. Officers elected for one year; terms expire December, 1942.

History: Organized 1907 as the Association of Iron and Steel Electrical Engineers; name changed August, 1936, to present title. **Sections:** Pittsburgh, Chicago, Cleveland, Philadelphia, Birmingham, and Detroit.

Object: The advancement of the application of electricity and other branches of engineering to the iron and steel or allied industries through the cooperation of its members.

Membership: Persons engaged in or identified with the application of engineering and equipment to the iron and steel or allied industries, or operations connected therewith. Active members and Associate members, entrance fee \$10, annual dues \$10; Junior, annual dues \$5; Honorary. Total membership 2,000. List of members available.

Meetings: The national organization holds a spring conference, and an annual meeting in September; each section meets monthly from October to April.

Publications: Iron and Steel Engineer, monthly, 1-18, 1924-1941, price \$7.50, free to members. Yearly Proceedings, price \$7.50, free to members.

367. Association of Kew Gardeners in America. **Secretary:** William H. Judd, Arnold Arboretum, Jamaica Plain, Mass.

History: Organized 1916 in New York City.

Object: The social and business interests of members.

Membership: Total membership 100. List of members in Kew Guild Journal, London, England, price 60 cents.

Meetings: Annual, in New York City.

Publications: Kew Guild Journal of London, England, annual, 1893-1941, price, life members \$10, annual members 60 cents.

368. Association of Land-Grant Colleges and Universities. **President:** J. D. Hoskins, University of Tennessee, Knoxville, Tenn. **Secretary:** Thomas P. Cooper, Lexington, Ky. Officers elected for one year; terms expire November, 1942.

History: Preliminary meeting held 1885; first annual meeting, 1887.

Object: The consideration and discussion of questions pertaining to the successful progress and administration of the institutions included in the Association, and to secure to that end mutual cooperation.

Membership: Every college established under the Act of Congress approved July 2, 1862, or receiving the benefits of the Act of Congress approved August 30, 1890, shall be eligible to membership; provided that any agricultural experiment station not now connected with one of the above named colleges, but receiving the benefits of the Act of Congress approved March 2, 1887, shall also be eligible to membership. List of member colleges available.

Meetings: Annual, usually alternating between Washington, D. C., and Chicago, Ill.

Publications: Proceedings, free to members.

369. Association of Life Insurance Medical Directors of America. P. O. Box 594, Newark, N. J. **President:** D. E. W. Wenstrand, Northwestern Mutual Life Insurance Company, Milwaukee, Wis. **Secretary:** Edwin G. Dewis. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Organized December 6, 1889; incorporated July 9, 1902.

Object: The promotion of medical science as applied to life insurance.

Membership: Regular, Emeritus, and Honorary members. Entrance fee \$10, initiation fee \$5, annual dues \$10. Total membership 251.

Meetings: Annual, at various places.

Publications: Proceedings, annual, 1-27, 1889-1941, price \$5, free to members.

370. Association of Manufacturers of Chilled Car Wheels. **President:** F. H. Hardin. **Secretary:** G. J. Weber, 445 North Sacramento Boulevard, Chicago, Ill.

History: Organized October 20, 1908, in Illinois.

Object: To advance the knowledge concerning the manufacture and service of chilled car wheels for railway and industrial service by discussion in common, investigations, and reports of the experience of members of the Association and of other experts; to obtain and disseminate information as to the manufacture and service of chilled car wheels for railway and industrial service; and generally to do such things as may be appropriate in furthering the foregoing objects.

Membership: Individuals, co-partnerships, or corporations engaged in the manufacture of chilled car wheels for railroad, street car, and industrial service are eligible for membership.

Meetings: Quarterly; and an annual meeting held in Chicago.

Research funds, medals, etc.: A laboratory is maintained for research work, and for investigations to develop improvements in manufacturing processes.

371. Association of Midwest Fish and Game Commissioners. **President:** W. L. Strunk, Commissioner of Conservation, St. Paul, Minn. **Secretary-Treasurer:** J. W. Cluett, Pierre, S. D. Officers elected for one year; terms expire June, 1942.

History: Organized 1933. **Sections:** Member states are Iowa, Nebraska, North Dakota, South Dakota, Kansas, Missouri, Illinois, Minnesota, Wisconsin.

Object: To promote uniform laws and regulations, to exchange ideas and experiences, and to promote better and more uniform conservation programs.

Members: Nine states. Dues are assessed as need arises.

Meetings: Annual, at various places.

372. Association of Military Surgeons of the United States. Army Medical Museum, Washington, D. C. **President:** Colonel James A. Mattison, 858 North Grand Avenue, Glendora, Calif. **Secretary:** Colonel James M. Phalen, U. S. A., Retired. Term of President, elected for one year, expires October, 1942.

History: Organized September 17, 1891, as the Association of Military Surgeons of the National Guard; name changed 1892 to present title. Incorporated by Act of Congress, approved January 30, 1903, authorizing the creation of an advisory board consisting of the Secretaries of the Treasury, War, and Navy, and the Surgeon Generals of the three government medical services.

Object: To increase the efficiency of the medical service of the Army, the Navy, the Public Health Service, the National Guard, the Reserves of all branches of the medical services of the United States, and Medical Officers of the Veterans Administration by mutual association and the consideration of matters pertaining to medico-military service of the United States both in peace and war.

Membership: Active members, annual dues \$3; Life; *Ex-Officio*; and Honorary members. List of members available for \$4.

Meetings: Annual, at place determined at time of meeting.

Research funds, medals, etc.: WELLCOME PRIZES, \$500 for essays on a given subject, or research reports relating to objects of the Association.

Publications: Transactions, 1-3, 1891-1893; continued as Proceedings, 4-9, 1894-1899; continued as Journal, 10-19, 1900-1906; continued as Military Surgeon, 20-88, 1907-1941, price \$4, to members \$3.

373. Association of Official Agricultural Chemists, Inc. P. O. Box 540, Benjamin Franklin

Station, Washington, D. C. *President:* J. W. Sale, Food and Drug Administration, Washington, D. C. *Secretary:* W. W. Skinner. Term of President, elected for one year, expires October, 1942.

History: Organized September, 1884, at Philadelphia, Pa.

Object: To secure, devise, test, and adopt uniform and accurate methods for the analysis of fertilizers, soils, foods, feedingstuffs, dairy products, insecticides and fungicides, and other materials relating to agricultural pursuits; also, medicinal products, caustic poisons, paints, paint materials, and varnishes; to secure uniformity in the statement of analytical results; to conduct, promote, and encourage research in chemistry in its relation to agriculture; and to afford opportunity for the discussion of matters of interest to agricultural chemists.

Membership: Active members, chemists and other workers along analytical and research lines in the subjects mentioned in the aims of the Association, connected with the following institutions of North America: the U. S. Department of Agriculture; any national, state, or provincial experiment station, college, or body engaged in research in agricultural chemistry; any national, state, or provincial institution or body charged with official control of any of the materials named in the *Object*. Associate members, chemists, etc., connected with municipal laboratories in North America charged with control of any of the materials or subjects named in the *Object*, and chemists engaged in research in agricultural chemistry not eligible to active membership; also, active members who retire from positions requisite for active membership may be elected to associate membership. Honorary members. There are no dues.

Meetings: Annual, at Washington, D. C.

Publications: Journal, quarterly, 1-24, 1915-1941, price, domestic \$5, foreign \$5.50, to members \$4. Official and Tentative Methods of Analysis, revised every five years, price, domestic \$5, foreign \$5.50.

374. Association of Official Seed Analysts.

President: F. A. McLaughlin, Amherst, Mass. *Secretary:* Elva L. Norris, Manhattan, Kans. Terms expire July, 1942.

History: Organized December 31, 1908, at Washington, D. C.

Object: To perfect and promulgate uniform methods for testing seeds.

Membership: Official seed laboratories of North America are eligible. Annual dues \$10. List of members available.

Meetings: Annual, at place determined by the Executive Committee.

Publications: Proceedings, annual, 1914-, price \$1, free to members. News Letter, approximately 10 issues a year, price \$1.

375. Association of Pacific Coast Geographers.

President: Forrest Shreve, Desert Laboratories, Tucson, Ariz. *Secretary:* Willis H. Miller, State Planning Board, Sacramento, Calif. Officers elected for one year; terms expire June, 1942.

History: Organized 1935. Affiliated with the Pacific Division of the American Association for the Advancement of Science.

Object: The promotion of geographic research and the diffusion of geographic knowledge.

Membership: Professional members, annual dues \$2; Student, \$1. Total membership 124. List of members available for \$1.

Meetings: Annual, with the American Association for the Advancement of Science.

Publications: Yearbook, 1-6, 1935-1940, price \$1, free to members.

376. Association of Private Hospitals, Inc.

1440 Broadway, New York, N. Y. *President:* E. John Dolan. *Secretary:* Oscar Gottfried. Officers elected for one year; terms expire October, 1943.

History: Organized February 3, 1932.

Object: To improve conditions of private hospitals.

Membership: Private hospitals of less than fifty beds, entrance fee \$25, annual dues \$5; of more than fifty beds, \$50, \$10.

Meetings: Monthly, at headquarters.

Library: 3,000 volumes on medicine and hospitals.

377. Association of Research Libraries.

Executive Secretary: Paul North Rice, New York Public Library, New York, N. Y. Term of Secretary, elected for five years, expires December, 1946.

History: Founded December, 1931.

Object: By cooperative effort to develop and increase the resources and usefulness of the research collections in American libraries.

Membership: Institutional membership only. Annual dues \$5. Total membership 47. Typed membership list available on request.

Meetings: Two meetings a year, usually with the American Library Association.

Publications: Doctoral Dissertations Accepted by American Universities, annual, 1-8, 1934-1941.

378. Association of Southern Agricultural Workers.

President: Clarence Dorman, State College, Miss. *Secretary:* Fred E. Miller, North Carolina Department of Agriculture,

Raleigh, N. C. Term of President, elected for one year, expires February 6, 1942; Secretary elected by Executive Committee.

History: Organized 1899. *Reference:* Proceedings, Forty-first Convention.

Object: The promotion of scientific agriculture.

Membership: Agricultural workers from thirteen Southern states and the District of Columbia. Annual dues, institutions and agencies \$10, individuals \$2. Total membership, approximately 8,000.

Meetings: Annual, at place selected.

Publications: Proceedings, annual.

379. Association of State Foresters. *President:* Perry H. Merrill, State Forester, Montpelier, Vt. *Secretary:* Glen R. Durrell, State Forester, Capitol Building, Oklahoma City, Okla. Officers elected for one year; terms expire October, 1942.

History: Organized 1921.

Object: To promote cooperation in forestry work among states and between the states and the Federal government, and to provide discussion of problems of mutual importance.

Membership: Composed of a forestry official from each state. Annual dues \$10. Total membership 42.

Meetings: Annual.

Publications: Minutes of Meetings, free.

380. Association of Urban Universities. *President:* H. E. Simmons, University of Akron, Akron, Ohio. *Secretary:* F. W. Shockley, University of Pittsburgh, Pittsburgh, Pa. Term of President, elected for one year, expires October, 1942; of Secretary, elected for three years, October, 1944.

History: Organized November 11, 1914.

Object: To study the special problems and the opportunities for service of universities and colleges located in cities, and to bring about a more effective cooperation between such institutions and the cities in the methods of training for municipal, state, and national service.

Membership: Universities and colleges accredited by the regional accrediting association. Annual dues \$15. Total membership 42. List of members available.

Meetings: Annual, at various places.

Publications: Annual Proceedings, price \$1, two copies free to member institutions.

381. Astronomical Society of the Pacific. 129 Twenty-fourth Avenue, San Francisco, Calif. *President:* Nicholas U. Mayall, Lick Observatory, Mt. Hamilton, Calif. *Secretary:* C. H. Adams. Officers elected for one year; terms expire January, 1943.

History: Founded February 1, 1889. *Reference:* Publications of the Astronomical Society of the Pacific, volume 51, number 299, February, 1939, article by Dr. Robert G. Aitken.

Object: To advance the science of astronomy and to diffuse information concerning it.

Membership: Active and Institutional members, annual dues \$5; Life members; Patrons; Bruce Medalists. Total membership 800.

Meetings: Annual meeting, the last Saturday in January. An additional meeting is held at the Lick Observatory in August of each year.

Research funds, medals, etc.: LECTURES IN ASTRONOMY ON THE ALEXANDER F. MORRISON FOUNDATION, an annual series of lectures, free to the public. BRUCE GOLD MEDAL, awarded annually on the nominations of the world's leading observatories, for distinguished services to astronomy. DONOHUE COMET MEDAL, awarded to the discoverer of each new comet. Besides making his discovery known in the usual way, the discoverer must also address a letter, giving his first observation, to the Director of the Lick Observatory by the first mail after the discovery, telling the exact time of the discovery, the position of the comet, the direction of its motion (when this can be determined) and the physical appearance of the object.

Publications: Publications, bimonthly, 1-53, 1889-1941, free to members. Non-technical Leaflets, monthly, free to members.

Astrophysical Observatory. See Smithsonian Institution.

382. Atlantic Deeper Waterways Association. 1106 Widener Building, Philadelphia, Pa. *President:* J. Hampton Moore. *Secretary:* Ethel B. Graef. Terms expire Fall, 1942.

History: Organized 1907.

Object: The development of inland waterways.

Membership: Individual members, annual dues \$5; Firms or Corporations, \$10; Organizations of 250 and less, \$15; Organizations of over 500 and less than 1,000, \$40; Organizations of 1,000 and more, \$75; Waterway associations, \$75; Municipalities of 5,000 or less, \$50; Municipalities of over 5,000, \$100. Total membership 350.

Meetings: Annual.

Publications: Report of Proceedings.

383. Audio-visual Research Foundation. 1822 Sherman Avenue, Evanston, Ill. *Director:* Louis D. Goodfellow, Northwestern University, Evanston, Ill. *Secretary:* Paul Moore, Northwestern University, Evanston, Ill. Officers elected for three years; terms expire 1943.

History: Organized September, 1940.

Object: To promote scientific research in vision and hearing and their defects.

Membership: Annual dues \$10. Total membership 30.

Meetings: Bimonthly, in Evanston.

384. Audubon Society of the Sewickley Valley.

President: Bayard H. Christy, 403 Frederick Avenue, Sewickley, Pa. *Secretary:* M. M. Alice Haworth, Edgeworth, Sewickley, Pa. Officers elected for one year; terms expire November, 1941.

History: Organized 1914.

Object: To foster amateur bird study and protection.

Membership: Regular members, annual dues \$2; Sustaining, \$5. Total membership 125.

Meetings: Monthly, at Sewickley.

Publications: Cardinal, semiannual, 1-5, 1923-1941, price 50 cents, free to members.

385. Automobile Manufacturers Association, Inc.

320 New Center Building, Detroit, Mich. *President:* Alvan Macauley, New Center Building, Detroit, Mich. *Executive Vice President:* Pyke Johnson, Transportation Building, Washington, D. C. Officers elected for one year; terms expire June, 1942.

History: Organized March, 1913, as the Automobile Chamber of Commerce, Inc.; name changed 1914 to National Automobile Chamber of Commerce; and in 1934 to present title.

Object: To foster the interests of those engaged in the trade or business of manufacturing automobiles and other self-propelling vehicles.

Membership: Manufacturing members, any individual, co-partnership firm, or corporation engaged in the manufacture and sale of self-propelled vehicles; Representative members, those designated by the Manufacturing members as their representatives. Entrance fee \$500, applicable to dues; annual dues, vary with production. Total membership 32. List of members available.

Meetings: Annual, in June, in Detroit. Monthly Board meetings are held.

Library: 200,000 volumes covering automotive subjects.

Publications: Automobile Facts, issued 10 times a year, September through June, 1-4, 1938-1941, free. Automobile Facts and Figures, free.

386. Avicultural Society of America. President:

A. G. Orear, 1015 Raleigh Street, Glendale, Calif. *Secretary:* Henrietta Scheu, 1804 North Euclid Avenue, Upland, Calif. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1942.

History: Organized October 19, 1927.

Object: The study, care, and breeding of foreign aviary birds, especially those species which are threatened with extinction.

Membership: Annual dues \$2.50. Total membership 450. List of members available.

Meetings: Monthly.

Publications: Aviculture, bimonthly, free to members.

387. Battelle Memorial Institute. 505 King Avenue, Columbus, Ohio. *Director:* Clyde E. Williams. *Chief Technical Adviser:* H. W. Gillett. *Assistant Director:* O. E. Harder. *Secretary:* G. B. Fenton.

History: Established in 1923 under the will of Gordon Battelle, industrialist, as a memorial to his father Colonel John Gordon Battelle. Shortly thereafter the endowment was increased considerably by the will of Gordon Battelle's mother, Annie Norton Battelle.

Having the nucleus of a technical staff, the Institute began operations in 1929. With the increase in research and developmental work, total personnel has grown to number approximately 300, of which approximately 180 are technically trained. Office and laboratory space has expanded from the 90,000 square feet of the original building to a total of 210,000 square feet in three buildings. *References:* Register of Phi Lambda Upsilon, 25, no. 3, 1940. Iron Age, 143, no. 4: 32-36, 1939. Coal Age, 44, no. 6: 35-38, 1939.

Object: To encourage creative research in pure and applied science, to further the education and training of research personnel, and to make available to industry a large, well-equipped, and capably staffed research organization for the investigation of problems in applied science and technology.

Library: 9,000 bound volumes devoted largely to metallurgy, mining, fuels, chemistry, ceramics, physics, mathematics, manufacturing, and economics. More than 350 periodicals, about half of which are foreign technical and scientific journals. Patents are indexed by number, patentee, subject, and assignee. This file is supplemented by a classified file of alloy patents, a complete file of specifications from 1880 to 1910 and the Gazette from 1911 to date. A card catalogue of approximately 500,000 references summarizes the technical literature from 1925 to date.

Research funds, medals, etc.: With funds from its endowment, the Institute supports a program of fundamental research as well as research on problems of direct industrial application. In addition, much research and developmental work is conducted for industrial concerns and associations principally in the fields of chemistry, ceramics, fuels, and metallurgy. Research investigations in applied science are conducted for private industries under a plan of

Sponsored Industrial Research, which provides that all of the results of a sponsored investigation become the sole property of the sponsor who bears the cost of the research. The laboratories are divided into the following principal departments: Organic Chemistry, Physical Chemistry, Electrochemistry, Non-ferrous Metallurgy, Ferrous Metallurgy, Physical Metallurgy, Foundry Metallurgy, Ore Dressing, Coal and Other Materials Preparation, Ceramics including Refractories, Fuels, Fuels Chemistry, Applied Physics, and Industrial Surveys. Both with its own funds and in cooperation with industrial sponsors, the Institute finances the post-scholastic training of young men who have shown exceptional aptitude for research. The Research Associates are assigned fundamental or general investigations in metallurgy, fuels, chemistry, physics, physical chemistry, or ceramics. For a year or two they work full time, under the supervision of the technical staff, with a view to the discovery and publication of information that will be useful to science and industry. The purpose is to supplement academic training with experience in a research organization, thus developing highly trained men for industrial research. Four fellowships are maintained at Ohio State University Graduate School, the thesis research being done at Battelle under the joint supervision of a University adviser and the Institute staff. Antioch College students are employed, for periods of a few months each, as research assistants.

388. Bermuda Biological Station for Research, Inc. St. Georges, Bermuda. *President:* Columbus Iselin, II, Woods Hole Oceanographic Institution, Woods Hole, Mass. *Secretary:* John H. Welsh, Biological Laboratories, Harvard University, Cambridge, Mass. Officers elected for one year; terms expire December, 1942.

History: The Bermuda Biological Station for Research was established at the Flatts in 1903, by Harvard University and New York University, and operated there for three years under E. L. Mark, Director, and C. L. Bristol, Associate Director; from 1907 until 1931 at Agar's Island under the direction of E. L. Mark; in 1926 it was incorporated under the laws of the State of New York whereupon a Board of Trustees, Officers, and an Executive Committee were elected and the location of a new laboratory was determined. In 1929 it was endowed by the Rockefeller Foundation and granted by the Government of Bermuda a site and annual subsidy of £200. In 1931 the present site at Shore Hills was occupied and the first session, June 15 to August 10, was held under the direction of the President of the Corporation, Professor E. G. Conklin. In 1941 the Station property in Bermuda was leased to the

United States Government as a temporary hospital for a period of one to four years. During this period arrangements have been made for research accommodations at the Bermuda Government Aquarium at Flatts. *Reference:* The Scientific Monthly, June, 1931.

Object: To afford an opportunity to carry on investigations in biology and oceanography.

Membership: Annual members, annual dues \$2, 8s, or \$5, £1, for three years, if paid in advance. Life members, those who have given to the Station \$25, £5, or more at one time; these shall be exempted from payment of annual dues. Patrons, persons who have given to the Station \$100, £20 or more at one time, or who because of distinguished services have been selected by the Trustees; exempted from annual dues. List of members in Reports of Officers.

Meetings: Annual, in New York City.

Library: A library on biology is maintained.

Research funds, medals, etc.: Limited funds are available for aiding investigators.

Publications: Reports of Officers, biennial.

389. Bernice P. Bishop Museum. Honolulu, T. H. *Director:* Peter H. Buck. *President:* C. Montague Cooke, Jr. *Secretary:* John K. Clarke, Bishop Trust Company, Honolulu, T. H.

History: Founded 1889 by Charles Reed Bishop as a memorial to his wife, Bernice Pauahi. Organized 1896 by the selection of a Board of Trustees and by providing an endowment.

Object: To conduct original investigations in anthropology, botany, geology, and zoology based on field work within the Pacific Ocean; to collect materials from Pacific waters and islands, and to make them available for study.

Library: 20,000 volumes, including pamphlets, on ethnology and natural history of the Pacific, especially Polynesia.

Research funds, medals, etc.: YALE-BISHOP MUSEUM FELLOWSHIPS, two at \$2,000 each, awarded annually to graduate students or other scientists offering a research project in the Polynesian area in anthropology or the natural sciences.

Publications: Memoirs, 1-12. Bulletins, 1-169. Occasional Papers, 1-16. Special publications, 1-34.

390. Beta Beta Beta. *President:* C. E. McClung, University of Pennsylvania, Philadelphia, Pa. *Secretary:* F. G. Brooks, Mt. Vernon, Iowa. Terms expire January, 1942.

History: Organized 1922 as an honorary biological society. First foreign chapter established in 1928 at Yenching University, Peiping, China. There are at present forty-two chapters.

Object: The stimulation of sound scholarship, the dissemination of scientific knowledge, and the promotion of biological research.

Membership: Active and Honorary members. Entrance fee \$5, annual dues \$1. Total membership 3,854.

Meetings: Biennial, in conjunction with the American Association for the Advancement of Science.

Research funds, medals, etc.: McCLEUNG RESEARCH AWARD, for undergraduate competition.

Publications: Bios, quarterly, 1-12, 1930-1941, price \$1.50.

391. Bethlehem Natural Science Association.

First National Bank Building, Bethlehem, Pa.

President: Leonard Bennetsch, 518 East Locust Street, Bethlehem, Pa. *Secretary:* Wilbur King, South Main Street, Bethlehem, Pa. Officers elected for one year; terms expire December, 1942.

History: Organized February 15, 1938.

Object: To further science and to preserve objects of interest in the natural sciences.

Membership: Regular members, 36; Junior, 4; Honorary, 2. Annual dues \$1.

Meetings: Monthly; three field trips are held annually.

Library: A library on the natural sciences is maintained.

Research funds, medals, etc.: Three lectures, which are open to the public, are given each year.

Bibliofilm Service. See American Documentation Institute.

392. Bibliographical Society of America. President:

Thomas W. Streeter, Sussex Avenue, Morristown, N. J. *Permanent Secretary:* George L. McKay, 47 East 60th Street, New York, N. Y. Term of President expires Spring, 1942.

History: Organized 1904 as the successor to the Bibliographical Society of Chicago, which was organized in 1899; incorporated 1927.

Reference: Bibliographical Society of America, Papers, volume 1.

Object: To promote bibliographical research, and to issue bibliographical publications.

Membership: Regular, Honorary, and Life members. Annual dues \$3. Total membership 820. List of members available for \$1.

Meetings: Usually twice a year, once in December, and once with the American Library Association in the summer.

Publications: Papers, annual, 1-35, 1904-1941, price \$4, free to members and on exchange with certain institutions. Bulletin, 1-4, no. 4, 1907-1912; continued in Papers. News Sheet, irregular, 1-58, 1926-1941.

393. Biochemical Research Foundation of the Franklin Institute. Newark, Del. Director:

Ellice McDonald.

History: Organized 1927. Removed to new laboratory building at Newark, Del., December, 1940.

Object: The study of the processes of disease from a chemical point of view; of new organic chemical compounds with regard to their therapeutic, medicinal, and beneficent values; and of longevity and the diseases of age, with the hope of prolonging the span of life.

Library: A research library has been developed with 1,156 volumes and 1,158 bound journals; there are also 26,805 classified reprints.

394. Biological Photographic Association, Inc.

President: Leonard Julin, Section of Photography, Mayo Clinic, Rochester, Minn. *Secretary:* Anne Shiras, University Office, Magee Hospital, Pittsburgh, Pa. Officers elected for one year; terms expire September, 1942.

History: Founded at New Haven in 1931. *Chapters:* Chicago, Boston, Philadelphia, and Pittsburgh.

Object: The advancement of photography in relation to biological science.

Membership: Active members, those whose duties include the photography of biological material, annual dues \$3, foreign \$3.50; Associate members, those interested in such photography, \$3; Sustaining, \$10. Total membership 300.

Meetings: Annual convention at different places.

Publications: Journal, quarterly, 1-9, 1932-1941, price \$3, free to members.

395. Biological Society of Washington. Cosmos

Club, Washington, D. C. *President:* Ernest P. Walker, National Zoological Park, Washington, D. C. *Secretary:* J. S. Wade, U. S. Bureau of Entomology and Plant Quarantine, Washington, D. C. Officers elected for one year; terms expire April, 1942.

History: Organized 1880. *Reference:* Proceedings of the Biological Society of Washington, 32: 271-281, 1919.

Object: To encourage the study of the biological sciences, and to hold meetings at which papers shall be read and discussed.

Membership: Subscribing members, annual dues \$3; Non-subscribing members, \$1.50. Total membership about 500. List of members in the Red Book of the Washington Academy of Sciences.

Meetings: Every two weeks from October to May, at the Cosmos Club.

Publications: Proceedings, 1-54, 1880-1941, price \$4, free to subscribing members.

396. Birth Control Federation of America, Inc. 501 Madison Avenue, New York, N. Y. *Honorary Chairman:* Margaret Sanger. *President:* Richard N. Pierson, 983 Park Avenue, New York, N. Y. *Secretary:* Mrs. Albert D. Lasker, 29 Beekman Place, New York, N. Y. *National Director:* D. Kenneth Rose. Terms of President and Secretary, elected for one year, expire January, 1943.

History: Founded November, 1921, as the American Birth Control League. New charter granted February, 1937. In 1939 the American Birth Control League and the Birth Control Clinical Research Bureau merged to form the Birth Control Federation of America, Inc. The Federation is affiliated with the American Eugenics Society, the National Conference of Social Work, and the Council on Population Policy (as a member), and cooperates with the National Committee on Maternal Health and the National Medical Council on Birth Control. Endorsed by the National Information Bureau. *Sections:* Thirty-four state leagues are affiliated with the Federation.

Object: To conduct an educational campaign to demonstrate the health and social value of contraception under medical direction; to work for the inclusion of contraception in public health services in existing Federal, State, and County units; to organize state leagues and to assist in establishing contraceptive centers under medical direction; to promote medical education on contraception through medical colleges and societies; to certify birth control clinics which maintain prescribed minimum medical and administrative standards; and to establish a population policy and program for the United States.

Membership: Individuals and groups. Annual contributions required. Total membership 35,000.

Meetings: Annual, in January; in May with National Conference of Social Work; two other meetings during each year.

Library: 500 volumes on the medical, social, economic, religious, and legal aspects of birth control; eugenics; sex education; marriage and family relationships; maternal and child welfare; crime; population and vital statistics. Document file of 14 vertical drawers. Press clippings from 1917 to date.

Research funds, medals, etc.: \$25,000 is expended annually as a part of the research program of the National Committee on Maternal Health.

Publications: Birth Control Review, monthly, 1-24, 1917-1940. Journal of Contraception, monthly, 1-4, 1935-1939. Human Fertility, bi-monthly, 1- , 1940- , price \$2. Information Service, monthly, October to May, 1- , 1940- , free to members and libraries. Annual Report, free to members.

Bishop Museum. See Bernice P. Bishop Museum.

397. Blood Transfusion Association. 39 East 78th Street, New York, N. Y. *President:* John F. Bush, 620 West 168th Street, New York, N. Y. *Secretary:* E. H. L. Corwin, 445 Riverside Drive, New York, N. Y. Officers elected for one year; terms expire January, 1943.

History: Incorporated 1929 as the Blood Transfusion Betterment Association; name changed 1941 to present title. *Reference:* Journal of the American Medical Association, 110: 1248, April 16, 1938.

Object: The advancement of the science of blood transfusion; the furnishing of properly certified blood donors for patients in need of blood transfusions; the classification of prospective blood donors and the collection of information in regard to them; the study of the practice of the transfusion of blood in general; and the conducting of investigations, experiments, and researches generally to improve blood transfusion. All of these purposes are for the conservation of the public health in so far as it is related to the use of blood transfusion as a therapeutic measure.

Membership: Active, Associate, and Patron members. Annual dues \$10. Total membership 15.

Meetings: Annual, in New York City.

Library: A library of reprints on blood transfusion is maintained.

Research funds, medals, etc.: Postgraduate training is given in the technic of blood transfusion and the laboratory work of blood grouping and blood matching. Research is conducted on the immunization of donors. In cooperation with the Red Cross, blood plasma has been supplied to England.

398. Boone and Crockett Club. 49 Wall Street, New York, N. Y. *President:* Frederic C. Walcott, Norfolk, Conn. *Secretary:* Dean Sage, Jr. Officers elected for one year; terms expire December 31, 1942.

History: Founded December, 1887; incorporated under laws of the District of Columbia May 26, 1923.

Object: To promote sport, exploration, and the conservation and study of wild animals.

Membership: Regular members, 100; Associate members. Entrance fee \$25, annual dues \$10. List of members available.

Meetings: Annual, in New York City.

Publications: Yearbook.

399. Boston Society of Architects. 16 Somerset Street, Boston, Mass. *President:* William Roger Greeley, 126 Newbury Street, Boston,

Mass. Secretary: Edwin B. Goodell, Jr., 234 Boylston Street, Boston, Mass. Term of President, elected for two years, expires January 1, 1944; of Secretary, elected for two years, January 1, 1943.

History: Organized June 20, 1867; became a Chapter of the American Institute of Architects in 1870; incorporated under the laws of Massachusetts, April 25, 1889.

Object: To further the welfare of architecture and architects.

Membership: Fellows; Corporate members, required to be members of the American Institute of Architects, annual dues \$12; Chapter members, \$12; Associates, \$6 and \$3, according to proximity; Honorary members; Honorary associates. Applicants for Corporate membership must apply to the American Institute of Architects, pay a \$5 entrance fee, and be assigned to membership in the Chapter. Total membership 233. List of members available.

Meetings: Monthly, October through May, at Society headquarters.

Library: 2,000 volumes on architecture.

Research funds, medals, etc.: J. HARLESTON PARKER GOLD MEDAL, may be awarded each year for the most meritorious piece of completed architecture. BOSTON SOCIETY OF ARCHITECTS WEEK-END PRIZE, \$50, may be awarded annually. CHAMBERLAIN PRIZE, may be awarded annually. ROTCH TRAVELING SCHOLARSHIP, \$1,500 a year, for foreign travel and study, awarded annually by competition.

Publications: Bulletin, monthly, October through May, 1-27, 1915-1941, free to members.

400. Boston Society of Civil Engineers. 715 Tremont Temple, Boston, Mass. **President:** Albert Haertlein. **Secretary:** Everett N. Hutchins.

History: Organized July 3, 1848; incorporated April 24, 1851. **Sections:** Sanitary, Designers, Highway, Hydraulics, Northeastern University. The Society is a member of Engineering Societies of New England, Inc.

Object: The professional improvement of the members, the encouragement of social intercourse among engineers and men of practical science, and the advancement of engineering.

Membership: Members, 618; Associates, 7; entrance fee \$10; annual dues \$10 for resident, \$6 for non-resident. Juniors, 39, \$5; \$5 resident, \$4 non-resident. Students, 77, annual dues \$3. Honorary, 4. Total membership 745.

Meetings: Monthly, the fourth Wednesday in January and September, the third Wednesday in other months, except July and August.

Library: Approximately 10,500 volumes and 3,800 pamphlets on engineering.

Research funds, medals, etc.: JOHN R. FREEMAN FUND, for the encouragement of the

younger engineers, capital \$25,000, income \$1,200. DESMOND FITZGERALD MEDAL, awarded for the best paper presented during the year. CLEMENS HERSCHEL MEDAL, awarded for commendable papers presented during the year.

Publications: Journal, quarterly, 1-28, 1913-1941, price \$4, free to members.

401. Boston Society of Natural History. New England Museum of Natural History, 234 Berkeley Street, Boston, Mass. **President:** Thomas Barbour, Museum of Comparative Zoology, Harvard University, Cambridge, Mass. **Secretary:** Charles H. Blake, Massachusetts Institute of Technology, Cambridge, Mass. Officers elected for one year; terms expire October, 1942.

History: Founded April 28, 1830; incorporated 1831. Preceded by the Linnaean Society of New England (founded in 1814, incorporated in 1820; inactive from 1823), whose collections, presented to Harvard College in 1823, were transferred to the new Society upon its organization. **References:** Historical Sketch of the Boston Society of Natural History, With a Notice of the Linnaean Society, Which Preceded It, by T. T. Bouvé, Anniversary Memoirs, 1880; Milestones, 1930.

Object: The encouragement and promotion of the science of natural history.

Membership: Benefactors, 6, payment of not less than \$1,000 at one time; Patrons, 8, \$500 at one time; Life members, 81, \$200 at one time; Sustaining members, 4, annual dues \$50; Contributing members, 38, \$25; Annual members, 609, \$10; Associate members, 1,049, \$3; Educational members, 83, \$2; Junior members, 9, \$2; Honorary members, 18. List of members published occasionally.

Meetings: Irregular, at the lecture hall of the Society.

Library: 63,000 volumes and 64,000 pamphlets on zoology, botany, geology, meteorology, and travel.

Museum: Devoted chiefly to illustrating the fauna, flora, geology, and mineralogy of New England.

Research funds, medals, etc.: WALKER PRIZES, in natural history; two offered annually for the best memoirs written in the English language on subjects proposed by the Board of Trustees. For the best memoir, \$60 is awarded, or, if the memoir is of marked merit, up to \$100; for the next best a sum not to exceed \$50. WALKER GRAND PRIZE, a sum of \$1,000 at the maximum, awarded not oftener than once in five years for a meritorious scientific investigation, or a discovery in natural history, first made known and published in the United States at least one year before the time of award.

Publications: Boston Journal of Natural History, 1-7, 1837-1863. Memoirs, irregular,

1-8, 1866-1927. Proceedings, irregular, 1- , 1841- , price \$5. Occasional Papers, irregular, 1- , 1869- , price \$1.50 to \$4.50 per volume. Museum and Library Bulletin, irregular, nos. 1-23, 1906-1914. Bulletin, quarterly, nos. 1-88, 1915-1938, price 15 cents each. New England Naturalist, quarterly, no. 1- , 1938- , price 25 cents each. Natural History Guides, irregular, 1- , 1929- . Special Publications, no. 1- , 1936- . Museum Leaflets, 1- , 1937- . Current publications are free to all members except Associates, and sent in exchange to about 115 American and 390 foreign institutions.

402. Boston Society of Psychiatry and Neurology. Boston Medical Library, Boston, Mass. *President:* H. Houston Merritt, 818 Harrison Avenue, Boston, Mass. *Secretary:* Madeline R. Brown, 818 Harrison Avenue, Boston, Mass. Officers elected for one year; terms expire January, 1943.

History: Organized 1880.

Object: The promotion of the study of subjects pertaining to the sciences of psychiatry and neurology.

Membership: Active members, 150; Honorary, 10; Associate. Annual dues \$10.

Meetings: The third Thursday of each month from October to May, at the Boston Medical Library.

403. Boston Surgical Society, Inc. *President:* Irving J. Walker, 520 Commonwealth Avenue, Boston, Mass. *Secretary:* Marshall K. Bartlett, 264 Beacon Street, Boston, Mass. Officers elected for two years; terms expire December, 1942.

History: Incorporated December 4, 1914, under the laws of Massachusetts.

Object: To advance the science and art of surgery, and to create an intellectual and social relationship between members.

Membership: Active, Associate, and Senior members. Entrance fee \$10; dues voted annually. 75 active members.

Meetings: Monthly from November to May, in Boston.

Research funds, medals, etc.: BIGELOW MEDAL, capital \$5,000.

404. Botanical Society of America, Inc. *President:* M. L. Fernald, Harvard University, Cambridge, Mass. *Secretary:* Paul R. Burkholder, Yale University, New Haven, Conn. Term of President, elected for one year, expires December, 1942; of Secretary, elected for five years, 1944.

History: Organized 1894 as the Botanical Society of America; united in 1906 with the Society for Plant Morphology and the American Mycological Society to form the Botanical

Society of America. Incorporated 1939. *Sections:* General, Paleobotanical, Physiological, Systematic; Pacific, Southeastern.

Object: The advancement of knowledge in all fields of plant science.

Membership: Active members, 1,345, annual dues \$5; Corresponding, foreign botanists who have made important contributions to the science of botany, limited to 40, not more than 5 in one year, total now 34; Patrons, 1. Total membership, approximately 1,375. List of members in Yearbook, price \$1.

Meetings: Annual, with the American Association for the Advancement of Science; summer meetings decided by the vice president.

Publications: American Journal of Botany, monthly, 1-28, 1914-1941, price \$8 domestic, \$8.40 foreign, free to members. Yearbook, price \$1.

405. Botanical Society of Pennsylvania. University of Pennsylvania, Philadelphia, Pa. *President:* Irwin Boeshore. *Secretary:* John S. Penny. Officers elected for one year; terms expire January 1, 1943.

History: Organized September, 1897.

Object: To promote the study and appreciation of plant life.

Membership: Regular members, annual dues \$5; Sustaining, \$10; Life; Honorary. Total membership 125.

Meetings: Monthly, on the first Saturday.

406. Botanical Society of Washington. Cosmos Club, Washington, D. C. *President:* Charlotte Elliott, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C. *Secretary:* Marguerite S. Wilcox, Bureau of Plant Industry, Beltsville, Md. Officers elected for one year; terms expire December, 1942.

History: Organized November 3, 1901, by consolidation of the Botanical Seminar, founded 1893, and the Washington Botanical Club, founded 1898.

Object: The discussion of botanical investigations and the promotion of social intercourse among members.

Membership: Open to all with an interest in botany, and who are residents of Washington and vicinity. Active and Honorary members. Annual dues \$2. Total membership 288. List of members in the Directory of the Washington Academy of Sciences.

Meetings: The first Tuesday of each month from October to May, at the Cosmos Club.

Publications: Proceedings are published in the Journal of the Washington Academy of Sciences.

407. Botanical Society of Western Pennsylvania. Herbarium Room, Carnegie Museum,

Pittsburgh, Pa. *President:* O. E. Jennings, Carnegie Museum, Pittsburgh, Pa. *Secretary:* Charles M. Boardman, 6906 Thomas Boulevard, Pittsburgh, Pa. Officers elected for one year; terms expire October, 1942.

History: Organized 1886.

Object: To bring together people interested in botany, and in plants, flowers, and nature generally; and to encourage the study of botany, particularly that of Western Pennsylvania.

Membership: Annual dues \$1. Total membership 160.

Meetings: The second Wednesday of each month, at the Carnegie Museum.

Library: 200 volumes on botany.

Publications: Yearbook, 1904-1905. Publication, 1-3, 1910-1913. Name changed to Trillia, published at approximately five-year intervals, 4-10, 1913-1939, price \$1 to \$2.50, free to members and on limited exchange.

408. Boyce Thompson Institute for Plant Research, Inc. 1086 North Broadway, Yonkers, N. Y. *Chairman:* Mrs. William Boyce Thompson. *Secretary:* R. Gordon Granger. *Managing Director:* William Crocker.

History: The Farm and Research Corporation was incorporated in New York on June 14, 1919, and on November 3, 1920, its name was changed to the Thompson Institute for Plant Research, Inc. By certificate filed in the office of the Secretary of State on December 20, 1923, its name was again changed to Boyce Thompson Institute for Plant Research, Inc. Inasmuch as it was desired to adopt the name of Boyce Thompson Institute for Plant Research, Inc., for the Membership Corporation, the corporation then using that name had its name changed back to Farm and Research Corporation. This last change was made by certificate filed in the office of the Secretary of State on October 28, 1924. Thereupon, the Membership Corporation took the name of Boyce Thompson Institute for Plant Research, Inc.

Object: To conduct fundamental research on practical or purely scientific plant problems, and to publish the results of such researches.

Library: An adequate working library is maintained.

Research funds, medals, etc.: The endowment is about \$8,000,000. Grants have been made to the Institute by the Hermann Frasch Foundation, for research on chemical stimulation and insecticides and fungicides; by the Fleischmann Laboratories, for research on the soybean and its bleaching effect on bread; by Cornell University, for research on the Dutch elm disease; by the Texas Gulf Sulphur Corporation, for research on a sulfur dioxide project and on the physical constants of sulfur dust sprays. The scientific staff consists of about thirty-five members representing every line of technique re-

quired for solving plant problems such as physiology, pathology, morphology, entomology, biochemistry, physical chemistry, microchemistry, physics, etc. Besides adequate equipment in all of these departments, the Institute has apparatus for the control of all conditions of plant growth on a rather large scale. It also has a well-equipped photographic and motion picture laboratory and an adequate working library, and is developing a 305 acre arboretum which it is using as an experimental field for problems in forestry and horticulture.

Publications: Contributions, quarterly, 1-12, 1925-1941, price per volume of 500 pages or more, \$2 to individuals; \$4 to libraries, laboratories, and other groups. Volumes 1, 2, and 3 are \$5 per volume. Professional Paper, irregular, vol. 1, nos. 1-32, 1925-1941.

409. Branner Geological Club of Southern California. *President:* E. Wayne Galliher, Petroleum Securities Building, Los Angeles, Calif. *Secretary:* Clement D. Meserve, 1949 East Glen Oaks Boulevard, Glendale, Calif. Officers elected for one year; terms expire 1943.

History: Organized July 29, 1921.

Object: To promote good fellowship among geologists, to foster the study of geology, and to cooperate with kindred associations in Southern California.

Membership: Annual dues 50 cents. Total membership between 75 and 130.

Meetings: Four to eight meetings a year, at various places.

410. Brookings Institution. 722 Jackson Place, N. W., Washington, D. C. *President:* H. G. Moulton.

History: Incorporated in 1928 as an amalgamation of the Institute for Government Research, the Institute of Economics, and the Robert Brookings Graduate School of Economics and Government, organized respectively in 1916, 1922, and 1924.

Object: To conduct research in the field of the social sciences, to give selected young scholars the opportunity to serve a research apprenticeship in association with mature investigators engaged in comprehensive research projects, and to serve as a center through which the research resources of Washington will be opened to visiting scholars from both the United States and foreign countries.

Publications: Institute for Government Research Series: Institute for Government Research Studies in Administration, 1-41; Principles of Administration, 1-7; Service Monographs of the United States Government, 1-66. Institute of Economics Series, 1-88, 1922-1942. Pamphlet series, 1-32.

411. Brooklyn Botanic Garden. 1000 Washington Avenue, Brooklyn, N. Y. *Director:* C. Stuart Gager.

History: Established 1910. The Garden is a department of the Brooklyn Institute of Arts and Sciences. *References:* Brooklyn Botanic Garden Record, 1:76-84, 1912; 2:109-114, 1913.

Object: Botanical research and botanical education.

Membership: Annual members, annual dues \$10; Sustaining, \$25; Contributing, \$100; Life, payment of \$500.

Library: Over 41,000 volumes and pamphlets on plant life and closely related subjects.

Research funds, medals, etc.: In addition to appropriations for research out of the general income, a project for research in plant pathology has been underwritten for \$7,500 each year since 1936.

Publications: Record, quarterly, 1- , 1912- , price \$1, free to members of the Garden. Annual Report in the April number of the Record. Memoirs, irregular, 1-4, 1918-1936. Contributions, irregular, 1- , 1911- , price \$5 per volume, which is constituted of 25 numbers. Leaflets, weekly or biweekly during April, May, June, September, and October, 1- , 1913- , price 50 cents per series, free to members of the Garden. Guides, irregular in issue and price, number 12 published in 1941. Genetics (in cooperation with Genetics, Inc.), bimonthly, 1- , 1916- , price \$6. Ecology (in cooperation with the Ecological Society of America), quarterly, 1- , 1920- , price \$4.

412. Brooklyn Engineers' Club. 117 Remsen Street, Brooklyn, N. Y. *President:* L. G. Mertz, Jr., 164 Montague Street, Brooklyn, N. Y. *Secretary:* George A. Dorfman. Officers elected for one year; terms expire May, 1942.

History: Organized October 9, 1896.

Object: To facilitate the acquisition and interchange of professional knowledge among its members, to promote their professional interests, to encourage original research, to develop and maintain high standards in the engineering profession, and to enhance the usefulness of the profession to the public.

Membership: Corporate, Associate, Non-resident, Junior, Honorary, and Life members. Entrance fee \$10, annual dues \$12 domestic, \$5 foreign. Total membership 300.

Meetings: The second Thursday of each month at the Clubhouse.

Library: 4,000 volumes on technical subjects.

Research funds, medals, etc.: A research fund of \$1,000 is available, and a prize of \$50 is awarded annually.

Publications: Proceedings, quarterly. Bulletin, monthly, 1896-1941, free to members and on exchange.

413. Brooklyn Entomological Society. *President:* Wm. T. Davis, 146 Stuyvesant Place, Staten Island, N. Y. *Secretary:* Albro T. Gaul, 401 Washington Avenue, Brooklyn, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized 1872; incorporated January, 1885; reincorporated February, 1936. *Reference:* Charles W. Leng and the Brooklyn Entomological Society, by Wm. T. Davis, Bulletin of the Brooklyn Entomological Society, 34:45-49, 1941.

Object: To promote the science of entomology.

Membership: Active members, 42; Life members, 3; Honorary members, 1.

Meetings: From October to May, in the Central Museum, Eastern Parkway, Brooklyn, N. Y.

Publications: Bulletin of the Brooklyn Entomological Society, issued February, April, June, October, and December; 1-35, 1878-1941, price \$2.50. Entomologica Americana, quarterly, 1-20, 1885-1941, price \$4.

414. Brooklyn Institute of Arts and Sciences. Brooklyn Academy of Music, 30 Lafayette Avenue, Brooklyn, N. Y. *President:* James G. McDonald. *Secretary:* Francis T. Christy. Officers elected for one year; terms expire April, 1942. *President-elect:* Adrian Van Sinderen.

History: Founded 1823; incorporated November 20, 1824, as the Brooklyn Apprentices' Library Association. Name changed 1843 under amended charter to Brooklyn Institute. Reorganized 1887-1888. The new corporation was established April 23, 1890, under the present name, and the property of the Brooklyn Institute was transferred to it in 1921. *Divisions:* Department of Education, Julius Bloom, Associate Director, Academy of Music Building; Department of Museums, Laurance P. Roberts, Director, Eastern Parkway and Washington Avenue, with a Children's Museum, Jane Wilson Garrison, Curator, in Bedford Park; Department of Botanic Garden, C. Stuart Gager, Director, Washington and Flatbush Avenues.

Object: To establish and maintain museums and libraries of art and science; to encourage the study of the arts and sciences and their application to the practical wants of man; to advance knowledge in science, and in general to provide means for instruction through its collections, libraries, and lectures.

Membership: Benefactors, 15, \$100,000 or more; Patrons, 16, \$25,000 or more; Donors,

30, \$10,000 or more; Permanent, 72, \$2,500 or more; Life members, 195, \$500 or more; Contributing members, 65, \$100, Sustaining members, 243, \$25; Annual members, 5,000, \$10.

Meetings: Quarterly meetings of Trustees, second Thursdays of October, January, April, and June.

Library: There are 42,000 volumes on the arts and sciences in the libraries of the Institute.

Publications: Bulletin, 1- , 1908- . Brooklyn Museum Quarterly, 1- , 1914- . Children's Museum News, 1- , 1913- ; vol. 1-18, 1902-1904, as Children's Museum Bulletin; 1-8, 1904-1908, as Children's Museum News. Memoirs of Art and Archaeology, 1- , 1902- , Memoirs of Natural Sciences, 1, no. 1, 1904. Museum News, 1-8, 1905-1913; continued as Children's Museum News and as Brooklyn Museum Quarterly. Report, 1- , 1904- . Science Bulletin, 1- , 1901- .

415. **Buchanan County Medical Society.** Missouri Methodist Hospital, St. Joseph, Mo. *President:* W. Roger Mooney, Kirkpatrick Building, St. Joseph, Mo. *Secretary:* O. Earl Whitsell, 824 Edmond Street, St. Joseph, Mo. Term of President expires January 1, 1943.

History: Organized April, 1903; incorporated April 8, 1914; reincorporated December 7, 1928. The St. Joseph Medical Society, predecessor of the present society, existed for many years prior to 1903.

Membership: Annual dues \$15. Total membership 106.

Meetings: The first Wednesday of each month, July and August optional.

416. **Buffalo Society of Natural Sciences.** Buffalo Museum of Science, Buffalo, N. Y. *President:* Chauncey J. Hamlin. *Corresponding Secretary:* Francis E. Fronczak, City Hall, Buffalo, N. Y. *Director of the Museum:* Carlos E. Cummings. *Executive Secretary:* Harold T. Clement.

History: Organized December 5, 1861; incorporated January 27, 1863. *Reference:* Seventy-five Years—a History of the Buffalo Society of Natural Sciences, Bulletin, no. 18, 1930.

Object: The promotion and study of the sciences and arts; the establishment, operation, and maintenance of collections, museums, and libraries; the procurement of lectures; and the advancement of knowledge and popular instruction by such means as shall be desirable and efficient for the foregoing purposes.

Membership: Annual members, annual dues \$10; Junior, Educational, or Associate, \$5; Patron, \$25; Contributing, \$50; Sustaining, \$100; Life, \$250; Honorary Life, \$500; Associate Fellow, \$1,000; Fellow, \$5,000; Benefactor,

\$10,000; Founder, \$25,000; Endowment Founder, \$100,000; Honorary, elected for eminence in scientific attainment or those who give liberally of their time and perform some outstanding service to the Society. Total membership about 1,100.

Meetings: Annual, at the Buffalo Museum of Science.

Library: There are two libraries: the Research Library, which covers the technical side of the natural science field, and the Library and Reading Room, which covers the same field in a more popular manner, and, in addition, gardens and travel. The Research Library has over 17,850 volumes; the Library and Reading Room, over 5,920 volumes. A museum is maintained with paleontological, mineralogical, geological, zoological, botanical, and ethnological collections.

Publications: Scientific Bulletin, irregular, 1- , 1873- , sold to members at reduced prices. Hobbies, issued 5 times a year, in October, December, February, April, and June, 1-21, 1920-1941, price 50 cents, free to members. Annual Report.

Burroughs Memorial Association, Inc. See John Burroughs Memorial Association, Inc.

417. **Cactus and Succulent Society of America, Inc.** Box 101, Pasadena, Calif. *President:* Ervin Strong, 315 West Erna Street, La Habra, Calif. *Secretary:* Clarence Clum. Officers elected for one year; terms expire December, 1942.

History: Organized in 1929; incorporated in 1937.

Object: To promote interest in the conservation, study, and cultivation of the Cactaceae and other succulent plants.

Membership: Members, annual dues \$3; Life, one payment of \$100; Honorary. Dues include a subscription to the Journal.

Meetings: Monthly, during the winter months; monthly pilgrimages during the summer.

Publications: Cactus and Succulent Journal, monthly, 1-12, 1930-1941, price \$3, free to members.

418. **California Academy of Sciences.** Golden Gate Park, San Francisco, Calif. *President:* F. M. MacFarland, Stanford University, Calif. *Secretary:* Susie M. Peers.

History: Organized May 16, 1853, as the California Academy of Natural Sciences; present name adopted 1868; incorporated January 16, 1871. *Departments:* Botany, Entomology, Ichthyology, Herpetology, Ornithology and Mammalogy, Paleontology, Scientific Library, and the Steinhart Aquarium.

Object: Scientific research, and museum and aquarium maintenance.

Membership: Members, annual dues \$5; Student members, \$1; Benefactors; Patrons; Honorary members; Fellows; Life members; Corresponding members; Associate members; Affiliated Societies.

Meetings: Annual meeting, the third Wednesday in February; monthly meeting, the first Wednesday.

Library: Approximately 65,000 volumes.

Publications: Bulletin, 1-2, 1884-1887. Memoirs, 1-5, 1868-1905. Occasional Papers, 1-19, 1890-1940. Proceedings, 1st ser., 1-7, 1854-1876; 2nd ser., 1-6, 1888-1896; 3rd ser., Botany, 1-2, 1897-1904; Geology, 1-2, 1897-1905; Mathematics-Physics, 1, 1898-1903; Zoology, 1-4, 1897-1906; 4th ser., 1-21, 1905-1936; 22, no. 1-10, 23, no. 1-29, 1936-1940. Price of publications varies, free to members and on exchange.

419. **California Audubon Society, Inc.** *President:* Harriet Williams Myers, 311 North Avenue 66, Los Angeles, Calif. *Secretary:* Merta White, 220 North Avenue 58, Los Angeles, Calif. Address correspondence to the President. Officers elected for one year.

History: Organized May 31, 1906; incorporated April 13, 1913.

Object: The protection of wild birds and animals.

Membership: Annual members, annual dues \$1; Sustaining members, \$5; Life members, payment of \$25; Patrons, payment of \$100. Total membership, about 300.

Meetings: Annual meeting held in May or June.

Publications: Phainopepla, monthly, except in the summer, 1-4, 1928-1932, price 50 cents, five cents to groups. Annual Report, free to members and libraries.

420. **California Botanical Club.** California Academy of Sciences, San Francisco, Calif. *President:* Alice Eastwood. *Secretary:* Mrs. E. C. Sutcliffe, 700 Lake Street, San Francisco, Calif.

History: Organized March 7, 1891. *References:* Leaflets of Western Botany, 3:25, April 22, 1941. *Zoe*, 2:93, 1891.

Object: To further instruction and research in botany.

Membership: Entrance fee, \$1, annual dues \$3.

Meetings: Weekly meetings held in the Herbarium of the California Academy of Sciences or in the field.

Publications: The Club finances one issue yearly of Leaflets of Western Botany.

421. **California Medical Association.** Room 2004, 450 Sutter Street, San Francisco, Calif. *President:* Henry S. Rogers, 200 Fourth Street, Petaluma, Calif. *Secretary:*

George H. Kress. Officers elected for one year; terms expire May, 1942. *President-elect:* William R. Molony, 1930 Wilshire Boulevard, Los Angeles, Calif.

History: Organized March 12, 1856, as the Medical Society of the State of California; reorganized 1870; name changed 1923 to present title.

Object: To advance scientific medicine.

Membership: Active members, 6,563, annual dues \$15 for 1941; Associate, 4; Retired, 97; Honorary, 1. List of members available.

Meetings: Annual, at various places.

Publications: Transactions of the Medical Society of the State of California, 1871-1902; name changed to California State Journal of Medicine, 1-22, no. 2, 1902-1924; name changed to California and Western Medicine, monthly, 22, no. 3- , 1924- , price \$5.

422. **California Mycological Society.** *President:* Lee Bonar, University of California, Berkeley, Calif. *Secretary:* Elizabeth Eaton Morse, University of California, Berkeley, Calif.

History: Founded 1927.

Object: To collect, study, and classify western species of fungi, and to distribute to herbaria.

Membership: Active members, those who collect; Honorary, those who advise and collect.

Meetings: No regular meetings are held; work conducted by consultation and correspondence.

423. **California Pharmaceutical Association.** 430 H. W. Hellman Building, 356 South Spring Street, Los Angeles, Calif. *President:* John G. Wagner, Long Beach, Calif. *Executive Secretary:* Roy S. Warnack.

Object: To disseminate information and display a direct interest in legislative matters affecting retailers of drugs.

Membership: Total membership 2,000.

Meetings: Annual.

Publications: Semimonthly bulletins to members.

424. **California Redwood Association.** 405 Montgomery Street, San Francisco, Calif. *President:* Kenneth Smith. *Secretary:* J. W. Williams.

History: Organized 1916.

Object: The promotion of the use of redwood products.

Membership: Manufacturers of redwood lumber, annual dues based on volume of shipments. Total membership 7. List of members available.

Meetings: Held at irregular intervals in San Francisco.

Library: Largely government publications and trade promotional literature on lumber for Association reference only.

- 425. Cambridge Entomological Club.** Biological Laboratories, Cambridge, Mass. *President:* P. J. Darlington, Jr. *Secretary:* Carroll M. Williams. Officers elected for one year; terms expire May, 1942.

History: Founded 1874; incorporated 1877.
Object: The study of entomology.

Membership: Active, Inactive, and Life members. Annual dues, \$1. Total membership 67.

Meetings: Monthly, on the second Tuesday, except July and August, at the Biological Laboratories.

Publications: *Psyche*, quarterly, 1-48, 1874-1941, price \$2 domestic, \$2.15 Canada, \$2.25 foreign.

- 426. Carnegie Corporation of New York.** 522 Fifth Avenue, New York, N. Y. *President:* Walter A. Jessup. *Secretary:* Robert M. Lester.

History: Incorporated June 9, 1911; organized November 10, 1911.

Object: To receive and maintain a fund or funds, the income from which is to promote the advancement and diffusion of knowledge and understanding among the people of the United States, by aiding technical schools, institutions of higher learning, libraries, scientific research, hero funds, useful publications, and by such other agencies and means as shall from time to time be found appropriate therefor.

Meetings: Annual, on the Tuesday immediately preceding the third Wednesday in November.

Publications: Annual Report.

- 427. Carnegie Foundation for the Advancement of Teaching.** 522 Fifth Avenue, New York, N. Y. *President:* Walter A. Jessup. *Secretary:* Howard J. Savage.

History: Established April 18, 1905, by Andrew Carnegie; incorporated 1906 by Act of Congress. *Reference:* Reprint from the Thirty-second Annual Report.

Object: To provide retiring pensions for the teachers of universities, colleges, and technical schools in the United States, Canada, and Newfoundland without regard to race, sex, creed, or color; and to conduct studies in higher education.

Meetings: Board of Trustees meets annually in New York City.

Library: 3,000 volumes on higher education.

Publications: Annual Report, 1-35, 1906-1941. Bulletin, irregular, 1-31, 1907-1941.

- 428. Carnegie Institution of Washington.** Washington, D. C. *President:* Vannevar Bush.

History: Founded January 28, 1902, by Andrew Carnegie, with an endowment of \$10,000,000 in registered bonds. To this original endowment he added \$2,000,000 on December 10, 1907, and \$10,000,000 on January 19, 1911. The income from a Reserve Fund of about \$3,000,000, accumulated in accordance with the Founder's specifications in 1911, is also available for general use, and in 1931, payment was completed of a sum of \$5,000,000 by the Carnegie Corporation of New York as an increase to the Endowment Fund of the Institution. The Institution was originally organized under the laws of the District of Columbia and incorporated as the Carnegie Institution, but it was re-incorporated by an act of Congress of the United States, approved April 28, 1904, under the present title, when it was placed under the control of a board of twenty-four Trustees, all of whom had been members of the original corporation.

Object: To encourage, in the broadest and most liberal manner, investigation, research, discovery, and the application of knowledge to the improvement of mankind.

Meetings: The Trustees meet annually in December to consider the objectives and problems of the Institution, to review its work, and to make appropriations for the ensuing year. During the intervals its affairs are conducted by an Executive Committee chosen by and from the Board of Trustees and acting through the President of the Institution. Standing committees of the Trustees have been appointed to consult with the President concerning research activities in various fields.

Research activities: The Institution desires to advance fundamental research in fields not normally covered by activities of other agencies, and to concentrate its attention upon specific problems, with the idea of shifting attack from time to time to meet more pressing needs of research as they develop with increase of knowledge. For this purpose departments of research have been organized within the Institution itself, wherein groups of investigators have been gathered together to attack large problems requiring such collaboration, as well as special equipment and continued effort. Means have also been provided whereby individuals or smaller groups of investigators may occasionally undertake and carry to completion special studies which have relation to activities of departmental organizations. Major research activities are:

Astronomy: MOUNT WILSON OBSERVATORY. Pasadena, Calif. Walter S. Adams, Director. Established 1904.

Terrestrial Sciences: GEOPHYSICAL LABORATORY. 2801 Upton Street, Washington,

D. C. L. H. Adams, Director. Established 1907. DEPARTMENT OF TERRESTRIAL MAGNETISM. 5241 Broad Branch Road, Washington, D. C. John A. Fleming, Director. Established 1904.

Biological Sciences: DIVISION OF PLANT BIOLOGY. Stanford University, Calif. H. A. Spoehr, Chairman. Researches started in 1903 were organized in the Department of Botanical Research in 1905, with name changed to the Laboratory for Plant Physiology in 1923, reorganized in 1928 as the Division of Plant Biology, including the work in photosynthesis, taxonomy, desert growth, tree growth, ecology, and palaeobotany. DEPARTMENT OF EMBRYOLOGY. Wolfe and Madison Streets, Baltimore, Md. G. W. Corner, Director. Established 1914. DEPARTMENT OF GENETICS. Cold Spring Harbor, Long Island, N. Y. A. F. Blakeslee, Director, M. Demerec, Assistant Director. The Station for Experimental Evolution, opened in 1904, was combined with the Eugenics Record Office, (name changed in 1939 to the Genetics Record Office) in 1921 to form the Department of Genetics. NUTRITION LABORATORY. 29 Vila Street, Boston, Mass. T. M. Carpenter, Acting Director. Established 1907.

Historical Research: DIVISION OF HISTORICAL RESEARCH. A. V. Kidder, Chairman. Organized in 1903 as the Department of Historical Research which, in 1930, was incorporated in a new Division of Historical Research, with sections of Aboriginal American History, Post-Columbian American History, and the History of Science.

Publications: Scientific Monographs, nos. 1-529, 1903-1941, including about 750 volumes. Year Book, nos. 1-39, 1902-1940. Publications are deposited in most of the larger libraries of the world as well as made available to leading investigators. Other copies are on sale at prices less than printing costs.

429. **Carnegie Museum.** Schenley Park, Pittsburgh, Pa. *Director:* Andrew Vinoff.

History: Organized March 31, 1896. *Sections:* Mammalogy, Ornithology, Ichthyology, Herpetology, Invertebrate Zoology, Entomology, Botany, Vertebrate Paleontology, Invertebrate Paleontology, Geology and Mineralogy, Ethnology, Archaeology and Useful Arts, Taxidermic and Preparatorial Sections, Children's Museum and Education Section. There are nine curators at the heads of the sections.

Object: To further research, the preservation of scientific material, and education.

Library: 25,000 bound volumes and 80,000 separates covering the entire field of natural history.

Research funds, medals, etc.: Appropriation from endowment of Andrew Carnegie, \$120,000; other endowment income, \$7,355 in 1940, under which all research is conducted.

Publications: Annals, approximately one volume a year, issued as bound volumes when sufficient appropriate manuscripts have been printed, 1-28, 1901-1941, price \$3.50 paper, \$4.50 clothbound. Memoirs, 1-12, 1901-1941, price \$10 paper, \$10.75 clothbound. Annual Report, 1898-1940. Leaflets, price 10 cents each.

430. **Carolina Geological Society.** *President:* G. W. Crickmay, University of Georgia, Athens, Ga. *Secretary:* Willard Berry, Duke University, Durham, N. C. Term of President, elected for one year, expires October, 1942; of Secretary, elected for three years, 1943.

History: Organized May 15, 1937, at Greenville, S. C.

Object: To study the geology of North and South Carolina in the field.

Membership: Annual dues \$1. Total membership 82.

Meetings: Annual meetings held alternately in North Carolina and South Carolina.

431. **Cast Iron Pipe Research Association.** 122 South Michigan Avenue, Chicago, Ill. *President:* J. D. Capron, Glamorgan Pipe and Foundry Company, Lynchburg, Va. *Research Engineer:* Thomas F. Wolfe.

History: Organized about 1915. Name changed from the Cast Iron Pipe Publicity Bureau to present title in 1927. *Reference:* Purpose of the Cast-Iron Pipe Publicity Bureau, by T. F. Wolfe, Journal of the New England Water Works Association, 40, no. 3, 1926.

Object: To promote the use of cast iron pipe, and to improve and standardize the product.

Membership: Membership open to manufacturers of bell and spigot cast iron pipe for pressure purposes. Assessment for annual dues varies with tonnage of pipe shipped.

Meetings: Six times a year at various locations.

Research funds, medals, etc.: From time to time a Research Associate is maintained at the Bureau of Standards. Contributions are made to the research work carried on by the American Standards Association and the American Gas Association. Money is occasionally contributed to universities for special tests.

Publications: Cast Iron Pipe News, quarterly, 1-7, 1935-1941, free to members.

432. **Casualty Actuarial Society.** 90 John Street, New York, N. Y. *President:* Ralph H. Blanchard, 561 West 116th Street, New York, N. Y. *Secretary:* Richard

Fondiller. Officers elected for one year; terms expire November, 1942.

History: Organized November 7, 1914, as the Casualty Actuarial and Statistical Society of America; present name adopted May 14, 1921.

Object: The promotion of actuarial and statistical science as applied to the problems of casualty and social insurance, by means of personal intercourse, the presentation and discussion of appropriate papers, the collection of a library, and by such other means as may be found desirable.

Membership: Fellows, 175, annual dues \$10; Associate members, 130, \$5 for the first five years, \$10 thereafter. Admission by examination and election. List of members in Year Book.

Meetings: Semiannual, generally held in New York City.

Library: 400 volumes on casualty actuarial and statistical science.

Publications: Proceedings, semiannual, 1-27, 1914-1941, price \$4, free to members. Year Book, free.

433. Central Association of Obstetricians and Gynecologists. *President:* John H. Moore, 222 DeMers Avenue, Grand Forks, N. D. *Secretary:* William F. Mengert, 515 Newton Road, Iowa City, Iowa. Officers elected for one year; terms expire November, 1942.

History: Organized December, 1929, at St. Louis, Mo.

Object: The encouragement and promotion of the study and practice of obstetrics and gynecology.

Membership: Active members, entrance fee \$10, annual dues \$10; Emeritus and Honorary members. Total membership 335, limited to 350. List of members available.

Meetings: Held annually in October.

Research funds, medals, etc.: Two prizes of \$100, awarded annually, one for the best investigative work, the other for the best clinical work submitted by any member during that year.

Publications: Scientific papers published by arrangement in the American Journal of Obstetrics and Gynecology.

434. Central Association of Science and Mathematics Teachers. 7633 Calumet Avenue, Chicago, Ill. *President:* Joel S. Georges, 4515 North Kildare Street, Chicago, Ill. *Secretary:* Ray C. Soliday, Oak Park-River Forest Township High School, Oak Park, Ill. Officers elected for one year; terms expire November, 1942.

History: Organized about 1900; incorporated 1928 in Illinois. *Sections:* Biology, Chemis-

try, Geography, General Science, Elementary Science, Mathematics, and Physics.

Object: To facilitate exchange of ideas among science and mathematics teachers, to establish professional standards, and to stimulate research.

Membership: Members, teachers of science and mathematics, entrance fee \$2.50, annual dues \$2.50; Honorary members. Total membership 1,000. List of members available.

Meetings: Annual meetings held in the Middle West.

Research funds, medals, etc.: A grant of \$100 is provided annually for research studies.

Publications: School Science and Mathematics, monthly. Yearbook, free.

435. Central Neuropsychiatric Association.

President: Ernest M. Hammes, Lowry Building, St. Paul, Minn. *Secretary:* William C. Menninger, Menninger Clinic, Topeka, Kans. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Organized May 23, 1922.

Object: The encouragement of neuropsychiatry, and the promotion of its study and practice through clinical and scientific meetings.

Membership: Active members, limited to 225, annual dues \$5; Corresponding, Emeritus, and Honorary members. List of members published.

Meetings: Annual, in different cities in the Central States.

436. Central Psychiatric Hospital Association.

President: Russell Doolittle, Des Moines, Iowa. *Secretary:* D. A. Johnston, 5642 Hamilton Avenue, College Hill, Cincinnati, Ohio. Officers elected for one year; terms expire March, 1942.

History: Organized June, 1927.

Object: To maintain standards, to advance scientific care and treatment, to increase efficiency of operation, and mutually to benefit the private psychiatric hospitals.

Membership: 20 hospitals, annual dues \$25.

Meetings: Annual, usually held in Chicago.

437. Central Society for Clinical Research.

President: A. R. Barnes, Mayo Clinic, Rochester, Minn. *Secretary:* Carl V. Moore, 602 South Euclid Avenue, St. Louis, Mo. Term of President, elected for one year, expires November, 1942; of Secretary, indefinite.

History: Organized April, 1928.

Object: The promotion of clinical research and the development of the younger men in the profession.

Membership: Active members, annual dues \$5; Adjunct and Emeritus members. Total membership 357.

Meetings: Annual, in Chicago.

438. **Central States Society of Industrial Medicine and Surgery.** *President:* Urban E. Gebhard, 1332 South 16th Street, Milwaukee, Wis. *Secretary:* Frank P. Hammond, 6308 Cottage Grove Avenue, Chicago, Ill. Term of President, elected for one year, expires July, 1942.

History: Organized 1916, as the Illinois State Society of Industrial Medicine and Surgery; name changed 1922 to present title.

Object: Scientific advancement in the art of industrial medicine and surgery.

Membership: Members are required to belong to the American Medical Association and their state medical societies. Regular members, annual dues \$5; Fellows, \$10. Total membership 420.

Meetings: Two or three meetings a year, at various places.

Publications: Industrial Medicine.

439. **Central Surgical Association.** Kinsman Hall, Ohio State University, Columbus, Ohio. *President:* Grover C. Penberthy, David Whitney Building, Detroit, Mich. *Secretary:* George M. Curtis. Term of President, elected for one year, expires March, 1942; of Secretary, elected for three years, March, 1944.

History: Organized May, 1940, at the annual meeting of the American Surgical Association at St. Louis, Mo.; incorporated in Ohio, January 15, 1941. *Reference:* Annals of Surgery, June, 1941.

Object: To further the practice of surgery in its various departments, and to study surgical problems.

Membership: Active members, entrance fee \$10, annual dues \$10; Founders, Senior members. Total membership 150. List of members available.

Meetings: Annual.

Publications: The Proceedings are included in the Annals of Surgery.

440. **Central Virginia Engineers Club.** *President:* Austin Brockenbrough, 2507 Park Avenue, Richmond, Va. *Secretary:* T. L. Cockrell, 409 Atlantic Life Building, Richmond, Va. Officers elected for one year; terms expire September, 1942.

Object: To foster better acquaintance among Virginia engineers, more particularly those in the Fredericksburg, Williamsburg, Hopewell, Petersburg, Richmond, and Charlottesville areas.

Membership: Engineers, members or non-members of national engineering societies, are

eligible for membership. Men who are not engineers, but are interested in engineering may also join. Entrance fee \$1, annual dues \$1. Total membership 295.

Meetings: Monthly.

441. **Centre County Engineers Society of Pennsylvania.** State College, Pa. *President:* R. C. Noll, Pleasant Gap, Pa. *Secretary:* W. B. Troupe, 373 East Bishop Street, Bellefonte, Pa. Officers elected for one year; terms expire July, 1942.

History: Organized 1909.

Object: To promote the arts and sciences connected with engineering by means of periodical meetings for the presentation and discussion of professional papers.

Membership: Residents of Centre County who are professional engineers, surveyors, architects, or other persons who by scientific, technical, or practical experience are qualified to cooperate in the advancement of engineering and the industrial arts. Annual dues 50 cents. Total membership 110.

Meetings: Four regular meetings a year, and several inspection trips.

442. **Ceramic Association of New Jersey.** *President:* Henry F. Kleinfeldt, Abbe Engineering Company, 50 Church Street, New York, N. Y. *Secretary:* George H. Brown, Rutgers University, New Brunswick, N. J. Officers elected for one year; terms expire December, 1942.

History: Organized June, 1914, as the New Jersey Clay Workers Association; name changed 1932 to present title.

Object: The advancement and diffusion of knowledge relating to the ceramic industries.

Membership: Those engaged in ceramic and related industries in New Jersey and adjacent territory, annual dues \$3.

Meetings: Annual, at the Ceramics Building, Rutgers University, in December; other meetings in the fall and spring.

Publications: Ceramic Age, 1-38, 1927-1941, price \$3.

443. **Ceramic Association of New York.** *President:* Grant S. Diamond, Electrorefractories and Alloys Corporation, Buffalo, N. Y. *Permanent Secretary:* M. E. Holmes, Alfred, N. Y. Term of President, elected for one year, expires October, 1942.

History: Organized October, 1933. *Reference:* Directory of the Ceramic Industries of New York.

Object: To develop ceramic products from the raw materials in New York State.

Membership: Annual dues, \$6. Total membership 90.

Meetings: Annual, in Alfred, N. Y.

Library: 200 volumes on ceramics.
Publications: Monthly Report, 1-5, free.

- 444. Charles Lathrop Pack Forestry Foundation.** 1214 Sixteenth Street, N. W., Washington, D. C. *President:* Randolph G. Pack, 74 Trinity Place, New York, N. Y. *Secretary:* Tom Gill. Officers elected for an indefinite period.

History: Organized 1921.

Object: To promote the technical and professional aspects of forestry.

Membership: Consists of an Advisory Board whose members are leading forest educators and practicing foresters.

Meetings: Annual, at various cities.

Research funds, medals, etc.: The latest of the Pack Foundation projects was begun early in 1941 with the purpose of discovering measures to improve the relations of the small sawmill to the conservation of the forest resources, the economic development of forest utilization, and the social betterment of the region. This project will run for a minimum of three years.

- 445. Charleston Museum.** Charleston, S. C. *Director:* E. Milby Burton.

History: Founded in 1773.

Membership: Endowment benefactors, \$100,000; Donors, \$10,000; Benefactors, \$1,000; Patrons, \$500; Annual patrons, \$100; Annual sustaining members, \$25; Annual members, \$10. Total membership 100.

Meetings: Trustees hold meetings the third Wednesday in November, January, March, and May.

Library: 10,000 volumes on science.

Publications: Bulletin, 1-17, 1905-1922. Contribution, irregular, 1- , 1910- , Quarterly, 1- , 1923- , price \$1. Leaflets, 1- , 1930- , free to members.

- 446. Chattahoochee Valley Medical Association.** 208 Laura Street, Jacksonville, Fla. *President:* Herbert E. White, St. Augustine, Fla. *Secretary:* Robert B. McIver. Term of President, elected for one year, expires July, 1942; of Secretary, elected for five years, 1945.

History: Founded in 1900. *Sections:* Alabama, Florida, Georgia.

Object: The improvement of medical knowledge and the promotion of good fellowship among members.

Membership: Open only to members of the state medical associations. Annual dues \$3. Total membership about 450.

Meetings: Annual.

- 447. Ohemical Foundation, Inc.** 654 Madison Avenue, New York, N. Y. *President:* Francis P. Garvan, Jr. *Secretary:* Edward J.

Muhs. *General Manager:* John J. Foley. Officers elected for one year; terms expire February, 1942.

History: Incorporated February 19, 1919, in Delaware. Organized at the suggestion of the Alien Property Custodian, by members of the American Dyes Institute, the American Manufacturing Chemists Association, and others engaged in various branches of the chemical industries, to buy from the Alien Property Custodian and hold for the chemical industries and for the country at large the German-owned United States chemical and allied patents taken over by the Alien Property Custodian under the Amendment of November 4, 1918, of the "Trading with the Enemy Act." Also to acquire from any person, firm or corporation, patents and patent applications which can be used to accomplish the objects of the Foundation.

Object: The advancement of chemical and allied science and industry in the United States.

Research funds, medals, etc. The free net earnings of the Corporation, according to the charter, shall be used and devoted to the development and advancement of chemistry and allied sciences in the useful arts and manufactures of the United States.

- 448. Chemical Society of the Philippines.** *President:* Amando Clemente, University of the Philippines, Manila, P. I. *Secretary:* Antonio I. de Leon, University of the Philippines, Manila, P. I. Officers elected for one year; terms expire March, 1942.

History: Organized March 21, 1939.

Object: To encourage the advancement of chemistry in all its branches; to promote research in chemical science and industry; to help in the improvement of the qualifications and usefulness of chemists through high standards of professional ethics, education, and attainment; to protect the interests of chemists; to encourage the increase and diffusion of chemical knowledge; to promote development of Philippine industries through the standardization of products, constant surveys, and professional contacts.

Membership: Active members, 172, entrance fee \$2.50, annual dues \$1.50; Associate, 4, \$2.50; \$1; Honorary.

Meetings: Six meetings a year.

- 449. Chemical Society of Washington.** *President:* Norman Bekkedahl, National Bureau of Standards, Washington, D. C. *Secretary:* Edgar Reynolds Smith, National Bureau of Standards, Washington, D. C. Officers elected for one year; terms expire December, 1942.

History: Organized January 31, 1884; incorporated March 25, 1926. The Society is a local section of the American Chemical Society.

Membership: Annual dues \$9. Total membership 814. List of members in the Directory of the Washington Academy of Sciences, price 25 cents.

Meetings: Monthly, at the Cosmos Club.

Research funds, medals, etc.: HILLEBRAND PRIZE, of books, awarded once a year.

450. Chemist Advisory Council, Inc. 60 East 42nd Street, New York, N. Y. *President:* William T. Read, Rutgers University, New Brunswick, N. J. *Secretary:* M. R. Bhagwat. Officers elected for one year; terms expire January, 1943.

Object: To promote the general welfare of chemists and chemical engineers.

Membership: Members 24; Honorary members. List of members available.

Meetings: Annual.

451. Chemists' Club. 52 East 41st Street, New York, N. Y. *President:* Walter S. Landis, American Cyanamid Company, 30 Rockefeller Plaza, New York, N. Y. *Secretary:* Robert T. Baldwin. Officers elected for one year; terms expire May, 1942.

History: Incorporated December 30, 1898.

Object: To advance the science and application of chemistry, and to promote good fellowship among its members.

Membership: Resident, entrance fee \$75, annual dues \$100; Suburban, \$25, \$50; Non-resident, \$10, \$25; Junior \$5, \$20 to \$75 depending on age; Foreign, \$15; Life, \$1,000; Honorary.

Meetings: Annual, the first Wednesday in May.

Library: About 45,000 volumes in the fields of chemistry and chemical technology.

Publications: Percolator, monthly except July and August, free to members. Yearbook, issued occasionally, free to members.

452. Chi Beta Phi Scientific Fraternity. 92 Woodland Park Drive, Tenafly, N. J. *President:* A. C. Blackwell, 1332-B Quarrier Street, Charleston, W. Va. *Secretary:* A. D. Callihan, Jr. Officers elected for two years; terms expire June, 1943.

History: Organized as a local fraternity at Randolph-Macon College, Ashland, Va., April, 1916. The name was changed to Chi Beta Phi Scientific Association in 1934 and changed back to Chi Beta Phi Scientific Fraternity in 1939.

Object: To promote interest in the sciences among students in undergraduate colleges.

Membership: The requirements for a regular member are 20 semester hours in the sciences and a scholastic average of 80 percent in college

work, entrance fee \$7. Total membership approximately 2,700. List of members available.

Meetings: Biennial meetings are held at colleges where chapters are located.

Publications: Chi Beta Phi Record, annual, 1-15, 1926-1941, free to members.

453. Chicago Academy of Sciences. Matthew Laffin Memorial, Lincoln Park, 2001 North Clark Street, Chicago, Ill. *President:* Nathan S. Davis, III, 700 North Michigan Avenue, Chicago, Ill. *Secretary:* Alton S. Windsor, 11322 South Bell Avenue, Chicago, Ill. Terms expire April, 1942.

History: Founded 1856 as the Chicago Academy of Natural Sciences; incorporated 1859 under present name; reincorporated 1865. Matthew Laffin Memorial, the present museum building, was opened in 1894. *References:* Historical Sketch of the Chicago Academy of Sciences, 1856-1902, by W. K. Higley. The Chicago Academy of Sciences: Its Past History and Present Collections, by Frank C. Baker, Special Publications, nos. 1, 1902, and 2, 1908.

Object: The promotion and diffusion of scientific knowledge by the reading and publication of original papers, by the maintenance of a museum, and by such other means as may be adopted from time to time to arouse interest in, and stimulate scientific investigation.

Membership: Contributing, \$25 annually; Sustaining, \$10 annually; Associate, \$3 annually; Patrons, \$1,000; Fellows, \$500; Life, \$100. Total membership 350; also 300 members in four affiliated societies.

Meetings: Annual, the second Monday in April, at the Academy. Public lectures on Sunday afternoons during the fall and winter and other special lectures throughout the year.

Library: 2,000 volumes on the natural sciences.

Publications: Proceedings, 1, 1866. Transactions, 1-2, 1867-1870. Bulletin of the Natural History Survey, 1-8, 1896-1941. Annual Reports, 38-40, 1895-1897, 1908-1936, in Bulletin, 1938-1939. News Bulletin, 1-2, 1928-1929. Program of Activities, 1-8, 1930-1937. Chicago Naturalist, 1-3, 1938-1941. Special Publications, 1-4, 1903-1941. Bulletin, 1-6, 1883-1941. Prices vary, free to active members.

454. Chicago Pathological Society. *President:* Otto Saphir, Michael Reese Hospital, Chicago, Ill. *Secretary:* Edwin F. Hirsch, St. Luke's Hospital, Chicago, Ill. Officers elected for one year; terms expire May, 1942.

History: Founded in 1878 as the West Chicago Medical Society; present name adopted in 1881. Since 1898 the Society has formed the pathology section of the Chicago Medical Society.

Object: The cultivation of the science and art of medicine with special reference to pathology and morbid anatomy.

Membership: Active, entrance fee \$3, annual dues \$3; Associate, Honorary, Emeritus, and Members by courtesy.

Meetings: Monthly, the second Monday, October to May inclusive, in the Medical and Dental Arts Club Building.

Publications: Transactions, 1- , 1894-

455. **Chicago Society for Measurement and Control.** 2626 West 31st Boulevard, Chicago, Ill. *President:* Earl C. Rieger, 1421 Walnut Street, Western Springs, Ill. *Secretary:* H. A. Hulsberg, Universal Oil Company, Drawer C, Riverside, Ill. Officers elected for one year; terms expire June, 1942.

History: Organized June, 1940, as the Chicago Instrument Society; name changed to present title September, 1940.

Object: The correlation, discussion, and dissemination of information concerning instrumentation.

Membership: Active members, entrance fee \$5, annual dues \$5; Junior or Student members, \$2, \$2. Total membership 98. List of members available.

Meetings: Monthly.

Publications: Events, monthly, 1- , 1941-

456. **Chicago Society of Internal Medicine.** 122 South Michigan Avenue, Chicago, Ill. *President:* Andrew C. Ivy, Northwestern University Medical School, Chicago, Ill. *Secretary:* Richard B. Capps. Officers elected for one year; terms expire June, 1942.

History: Organized January 8, 1915.

Object: To further the correlation of clinical and experimental research in internal medicine and its allied branches.

Membership: Membership is open to any member of the medical profession, whose interests center essentially in the sphere of internal medicine, but not until three years from the time of graduation from a medical school. Active members, entrance fee \$10, annual dues \$10, except for full time teachers who pay \$5; Emeritus. Total membership, 182 Active and 11 Emeritus. List of members available.

Meetings: Monthly, at the Drake Hotel in Chicago, Ill.

Publications: Transactions are published in the Proceedings of the Institute of Medicine of Chicago, with which the Society is affiliated. The Transactions prior to 1928 were published independently. Free to members.

457. **Chicago Urological Society.** *President:* Norris J. Heckel, 122 South Michigan Avenue, Chicago, Ill. *Secretary:* Irving J. Shapiro,

185 North Wabash Avenue, Chicago, Ill. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, June, 1943.

History: Organized 1903.

Object: The consideration of the genital tract of the male, the urinary tract of both sexes, and syphilis.

Membership: Resident members, entrance fee \$10, annual dues, \$10; Non-resident, \$10, \$5; Honorary. Total membership 85.

Meetings: Seven meetings a year, monthly from October to May, except December.

Research funds, medals, etc.: The WILLIAM T. BELFIELD LECTURE is given annually.

Publications: Papers read before the Society are published in the Journal of Urology.

458. **Child Study Association of America, Inc.** 221 West 57th Street, New York, N. Y. *President:* W. Carson Ryan, University of North Carolina, Chapel Hill, N. C. *Secretary:* Mrs. James Frank, 224 West 74th Street, New York, N. Y.

History: Organized 1890 as the Society for the Study of Child Nature; in 1910 it became the Federation for Child Study. Present name adopted in 1924. The Association cooperates with organizations in Canada, the Dutch West Indies, China, Japan, Czechoslovakia, England, India, and South Africa.

Object: To act as a family guidance center, to secure and distribute information concerning methods of child study and their practical application, to undertake original research, to furnish means of cooperation between organizations having similar aims, and to conduct lecture-discussion groups, conferences, and lectures.

Membership: Contributing member, \$100; Sustaining, \$50; Supporting, \$25; Active, \$10; Associate, \$5. Total membership outside of magazine subscribers and affiliated group members, 1,000.

Meetings: Annual, in November.

Library: 5,000 volumes on child study, parent education, family guidance, and related subjects.

Publications: Child Study, quarterly, 1924- , price \$1, free to members.

- Childs Memorial Fund for Medical Research.** See Jane Coffin Childs Memorial Fund for Medical Research.

459. **Chlorine Institute, Inc.** 50 East 41st Street, New York, N. Y. *President:* S. W. Jacobs, Niagara Alkali Company, 60 East 42nd Street, New York, N. Y. *Secretary:* R. T. Baldwin. Term of President, elected for one year, expires December 31, 1941; Secretary appointed annually.

History: Incorporated 1924.

Object: The promotion of the uses of chlorine and its compounds through applied research.

Membership: Active members, any firm, corporation, or individual engaged in the combined production of electrolytic chlorine gas and the sale of this gas or its products, initiation fee \$250, annual assessment on capacity and production; Associate members, any firm, corporation, or individual having a plant and facilities for the combined production of electrolytic chlorine gas and the sale of chlorine gas or its products, not eligible for active membership, or any firm, corporation, or individual interested in the up-building of the chlorine industry, initiation fee \$250, annual dues \$250, the Board having the power to remit the whole or any part of such dues; Honorary members. Total membership 24.

Meetings: Semiannual, in New York City.

Research funds, medals, etc.: The budget includes a sum for sewage and water treatment research.

460. Cincinnati Society of Natural History.

Parkway at Walnut, Cincinnati, Ohio. *President:* Robert M. Senior, 31 Electric Building, Cincinnati, Ohio. *Secretary:* Annette F. Braun, 2702 May Street, Cincinnati, Ohio. *Director:* Ralph Dury.

History: Incorporated 1870.

Object: To carry on observations which tend to increase the sum of scientific knowledge, to maintain a museum and library, and to promote the diffusion of science.

Membership: Total membership 550.

Meetings: Quarterly, at the Museum.

Library: 50,000 volumes on natural sciences.

Publications: Journal, irregular, 1-23, 1878-1941.

461. Clay Products Association.

111 West Washington Street, Chicago, Ill. *President:* G. L. Avery, Davidson Building, Sioux City, Iowa. *Secretary:* John D. Cook. Term of President, elected for one year, expires November, 1942; of Secretary, indefinite.

History: Organized as an Association in 1916; incorporated in Illinois in 1928.

Object: The research, standardization, and promotion of the uses of vitrified clay sewer pipe and kindred products.

Membership: Manufacturers, entrance fee \$100, annual dues 25 cents per ton of ware shipped. Total membership 25.

Meetings: Monthly, in Chicago.

Library: 500 volumes on engineering and technical subjects.

Research funds, medals, etc.: A laboratory is maintained in Chicago.

Publications: Clay Pipe News, bimonthly. Handbooks and general information literature.

462. Cleveland Engineering Society.

2130-2136 East 19th Street, Cleveland, Ohio. *President:* Harry L. Wilcox, 2700 East 79th Street, Cleveland, Ohio. *Secretary:* Richard I. Utter. Officers elected for one year; terms expire June, 1942.

History: Founded 1880, and known as the Civil Engineers Club of Cleveland until 1909, when the name was changed to the present title. There are eleven divisions and twenty-eight committees.

Object: The professional improvement of its members, the encouragement of social intercourse among them, and the advancement of engineering, architecture, and applied science.

Membership: Active, Associate, and Affiliate members, entrance fee \$10, annual dues \$16; Junior, \$3. \$8; Student \$1, \$4; Non-resident, dues are half in each class. Total membership 1,000. List of members available.

Meetings: Three to four meetings a month, September to June.

Library: 4,000 volumes on technical subjects.

Research funds, medals, etc.: The Society has a student loan fund and a foundation fund.

Publications: Journal, 1-12, 1908-1919. Cleveland Engineering, weekly except during July and August, 1917-1941. Yearbook.

463. Cleveland Museum of Natural History.

2717 Euclid Avenue, Cleveland, Ohio. *Board of Trustees:* *President:* Thomas H. White, Union Commerce Building, Cleveland, Ohio. *Secretary:* Warren H. Corning, Union Commerce Building, Cleveland, Ohio. A Board of Managers, appointed from the staff, serves in lieu of a director; its Chairman is the executive officer; chairmen serve for the same three months each year.

History: Incorporated December 13, 1920. The Museum is the legal and financial heir and successor to the Kirtland Society of Natural Sciences and the Cleveland Academy of Sciences. *Divisions:* Administration, Education, Preparation, Research and Exploration, Affiliated Societies. The divisions are supported by private donations. The Museum also operates the Holden Arboretum, Kirtland, Ohio; the Cleveland Zoo, Cleveland, Ohio; the Three-Corner-Round Pack Outfit, Independence, Calif.; and the Affiliated Societies (Kirtland Society, Nature Guild, Milestone Club, etc.).

Object: The development and operation of a Museum of Natural History of the widest scope, for the advancement of scientific research, public education, and public recreation.

Membership: There are eight classes of

membership, based on the size of donations. Total membership 700.

Meetings: The Trustees meet monthly except in the summer; other groups meet at various places and times.

Library: 15,000 volumes and 50,000 pamphlets on natural history.

Publications: Scientific Publications, 1-8, 1928-1941. Popular Publications, 1-2, 1928-1931. Pocket Natural Histories, 1-9, 1926-1941. Bulletin, 1-67. Publications are separately priced.

464. Clinical Orthopaedic Society. *President:* Ralph Ghormley, Mayo Clinic, Rochester, Minn. *Secretary:* Myron O. Henry, 401 Medical Arts Building, Minneapolis, Minn. Officers elected for one year; terms expire Fall, 1942.

History: Organized 1912 as the Central States Orthopaedic Club.

Object: The discussion of clinical material relative to orthopaedic surgery.

Membership: Open to diplomates of the American Board of Orthopaedic Surgery, or to those devoting their entire time to this subject or who have made an outstanding contribution to it. Annual dues \$3. Total membership 209.

Meetings: Annual, in the Mississippi Valley area.

465. Clinical Society of Genito-Urinary Surgeons. *President:* Henry G. Bugbee, 2 East 54th Street, New York, N. Y. *Secretary:* Charles C. Higgins, Cleveland Clinic, Cleveland, Ohio. Officers elected for one year; terms expire March, 1942.

History: Organized January, 1921.

Object: To promote keener interest in the surgical problems of the genito-urinary system.

Membership: Junior, 23, limited to 25; Senior, 8. There are no annual dues. List of members available.

Meetings: Annual.

Publications: Yearly report of meeting.

466. Club for Research on Ageing. *Chairman:* William deB. MacNider, Chapel Hill, N. C. *Secretary:* Robert A. Moore, Washington University Medical School, St. Louis, Mo. Officers elected for one year; terms expire 1942.

Object: To conduct research on ageing with periodic discussions of its progress.

Membership: Total membership 20.

Meetings: Annual.

467. Coal Mining Institute of America. *President:* J. J. Forbes, U. S. Bureau of Mines, Pittsburgh, Pa. *Secretary:* Earl R. Maize, U. S. Bureau of Mines, Pittsburgh, Pa.

Officers elected for one year; terms expire December, 1942.

History: Organized October 20, 1887, as the Western Pennsylvania Central Mining Institute; name changed to present title in 1903.

Object: To foster the increase and diffusion of knowledge relating to coal mining.

Membership: Entrance fee \$3, annual dues \$3. Total membership 300.

Meetings: Annual, at Pittsburgh.

Publications: Proceedings, free to members.

468. Colegio Medico-Farmacaceutico de Filipinas, Inc. 879 Lepanto Street, Manila, P. I. *President:* Januario Estrada, 1105 Taft Avenue, Manila, P. I. *Secretary:* Conrado D. Ayuyao, 1039 Pennsylvania Avenue, Manila, P. I. Officers elected for one year; terms expire January, 1942.

History: Founded June 8, 1899; incorporated June 3, 1911. *Sections:* The medical section is known as the Manila Medical Society, a constituent unit of the Philippine Medical Association; the pharmaceutical section is known as the Manila Pharmaceutical Society.

Object: To promote the advancement and diffusion of medico-pharmaceutical sciences, to influence public opinion as regards medico-official problems, and to establish fellowship and mutual scientific correspondence between physicians and pharmacists.

Membership: Active, entrance fee 12 pesos, annual dues 12 pesos; Honorary.

Meetings: General meetings are held in January; members of the Board of Directors meet monthly.

Library: Approximately 1,209 bound volumes, covering the fields of medicine and pharmacy.

Publications: Revista Filipina de Medicina y Farmacia, monthly, 1-32, 1910-1941, price 6 pesos, free to members.

469. College of Physicians of Philadelphia. 19 South 22nd Street, Philadelphia, Pa. *President:* E. B. Krumbhaar, Medical Laboratories, University of Pennsylvania, Philadelphia, Pa. *Secretary:* J. Harold Austin. Officers elected for one year; terms expire 1942.

History: The College was instituted in January, 1787, and incorporated in March, 1789. *Sections:* Ophthalmology, Otolaryngology, General Medicine, Public Health, Preventive and Industrial Medicine, Medical History. Sections meet in the College building and their officers may be reached through the Secretary of the College. *References:* An Account of the College of Physicians of Philadelphia, by G. E. deSchweinitz, International Clinics, 22nd series, vol. 1, pp. 225-226, 1912; Second edition revised

by G. E. deSchweinitz, and W. B. McDaniel, Transactions of the College of Physicians, 4th series, vol. 2, Supplement no. 1, 1934. A bibliography of the College is contained in these accounts.

Object: To advance the science of medicine and thereby to lessen human misery.

Membership: Physicians of good character and professional standing who shall have graduated from a reputable medical school at least five years previous to election, and who for recognized service to medicine shall be invited by the Fellows of the College into Fellowship. No applications for Fellowship are received. Fellows, 662; Non-resident Fellows, 45; Honorary Fellows, 8. Entrance contribution \$30, annual contribution \$30.

Meetings: Meetings of the College and of most of its Sections are held monthly, except June to September.

Library: 154,822 volumes, including 411 incunabula, covering medicine and allied sciences.

Research funds, medals, etc.: PEDRO FRANCISCO DA COSTA ALVERENGA PRIZE, awarded annually on July 14, to the author of the best essay submitted on any branch of medicine, provided it be deemed worthy of the prize; income about \$200. The Mütter Museum contains pathological and anatomical preparations and specimens, drawings, models, and casts illustrative of surgery and medicine. There are eight to fifteen lectures given annually, which are supported in part by endowed lectureship funds.

Publications: Transactions, 1, 1793-1938; none published 1794-1840; n. s. 1-4, 1850-1874; 3rd series, 1-54, 1875-1933; 4th series, 1933-1941; price \$2.

470. **Colorado Foundation for Research in Tuberculosis.** Colorado College, Colorado Springs, Colo. *President:* Gerald B. Webb, Burns Building, Colorado Springs, Colo. *Secretary:* Morris A. Esmiol, 338 First National Bank Building, Colorado Springs, Colo. Officers elected for one year; terms expire July, 1942.

History: Incorporated March, 1924, in Colorado.

Object: The study of tuberculosis in the laboratory to aid in its prevention and cure.

Membership: Total membership 63.

Meetings: Annual meetings are held at Colorado College.

Research funds, medals, etc.: A research laboratory is supported at Colorado College from an endowment and annual maintenance contributions.

Publications: Annual Report, free to members.

471. **Colorado Museum of Natural History.** City Park, Denver, Colo. *Director:*

Alfred M. Bailey. *President:* C. H. Hanington. *Secretary:* P. M. Cooke, 730 St. Paul Street, Denver, Colo. President and Secretary elected for one year; terms expire February, 1942; Director appointed annually.

History: Incorporated December 6, 1900. Research work is conducted in ornithology, mammalogy, paleontology, mineralogy, geology, and archaeology, with special emphasis upon the natural resources of Colorado. The Museum has extensive habitat groups of vertebrate animals of North America and South America. The two upper floors are devoted to the birds and mammals of Colorado, while on the ground floor are exhibited geological and paleontological collections. The Standley Memorial Wing contains habitat groups of mammals and birds of North America, outside of Colorado, and the hall of fossil mammals; in the James Memorial Wing are the extensive South American habitat groups. Lectures are held November through March in the Phipps Auditorium; Saturday for children, Sunday afternoon for adults.

Membership: Patrons, donation of \$1,000; Fellows, \$500; Life members, \$250. List of members in Annual Report.

Meetings: The Board of Trustees meets four times a year.

Library: 250,000 volumes on natural sciences.

Research funds, medals, etc.: Donations are made by Trustees and friends at various times for specific purposes, namely field work, research, and reconstruction. ELLEN M. STANDLEY FUND, capital \$200,000, the interest of which is used for current expenses.

Publications: Proceedings, irregular, 1-1915. Popular Series, 1-7, irregular. Annual Report. Mimeograph Series.

472. **Colorado Scientific Society.** *President:* Charles W. Henderson, University Club, Denver, Colo. *Secretary:* C. E. Dobbin, 224 Custom House, Denver, Colo.

History: Founded December, 1882; incorporated January, 1885.

Object: The promotion of scientific intercourse, observation, and record in the State of Colorado.

Membership: Members, Associate, and Life members; annual dues \$5. Total membership 80.

Meetings: Monthly, the fourth Saturday, in Denver.

Library: Approximately 3,000 volumes on science.

Publications: Proceedings, 4 or 5 parts a year, 1-14, 1885-1941; price \$5 per volume, free to members.

473. **Colorado Society of Engineers, Inc.** 525 Cooper Building, Denver, Colo. *President:*

R. W. Lindsay, Denver, Colo. *Secretary*: C. M. Lightburn, 628 Equitable Building, Denver, Colo. Officers elected for one year; terms expire January, 1943.

History: Organized August 4, 1916, as the Colorado Society of Civil Engineers; name changed to present title in January, 1919.

Membership: Members, Associate members, entrance fee \$5, annual dues \$6; Junior, \$5, \$3; Honorary, Student. Total membership 1,168.

Meetings: Monthly and annual meetings.

Publications: Engineers' Bulletin, monthly, 1-25, 1917-1941, price \$2, free to members and on exchange.

474. Colorado State Medical Society. 537 Republic Building, 1612 Tremont Place, Denver, Colo. *President*: Guy C. Cary, Grand Junction, Colo. *Executive Secretary*: Harvey T. Sethman. Term of President, elected for one year, expires October, 1942.

History: Organized 1871 as the Colorado Territorial Medical Society; name changed to present title in 1876; incorporated under state laws on October 31, 1888.

Object: To promote the science and art of medicine, the betterment of public health, and the welfare of the medical profession.

Membership: Active, 1,113; Associate, 128; annual dues, \$13.50 in the State, \$5 out of the State; Honorary, 4. Total membership 1,245. List of members available.

Meetings: Annual, in September.

Library: Owned jointly with the Medical Society of the City and County of Denver. 32,000 volumes and 264 periodicals on medicine and surgery.

Research funds, medals, etc.: COLORADO MEDICAL FOUNDATION, to endow the purposes of the Medical Society, established August 3, 1936.

Publications: Transactions, 1-36, 1871-1906. Colorado Medicine, 1-34, 1903-1937; name changed January, 1938, to Rocky Mountain Medical Journal, 34-38, 1938-1941, price \$2.50, free to Active and Honorary members.

475. Colorado-Wyoming Academy of Science. *President*: W. B. Pietenpol, Department of Physics, University of Colorado, Boulder, Colo. *Secretary*: Don B. Gould, Department of Geology, Colorado College, Colorado Springs, Colo. Officers elected for one year; terms expire November, 1942.

History: Organized 1927. *Sections*: Anthropology, Bacteriology, Chemistry, Economics, Education, Geology and Geography, History, Physics, Plant Science, Political Science, Psychology, Sociology, and Zoology.

Object: To encourage scientific investigation, and to stimulate interest in science in the Rocky Mountain region.

Membership: Members and Student members, annual dues \$2. Total membership 300. List of members in Journal.

Meetings: Annual, rotating between Colorado and Wyoming colleges.

Research funds, medals, etc.: A grant of \$50 is made every year to some graduate student for work on a research problem.

Publications: Journal, annual, vol. 1, nos. 1-6, 1929-1934; vol. 2, nos. 1-6, 1934-1940; vol. 3, no. 1- , 1941- , free to members.

476. Commission on Standardization of Biological Stains. *Chairman*: H. J. Conn, Geneva, N. Y. *Treasurer*: S. I. Kornhauser, Louisville, Ky.

History: Organized November 5, 1921, as a Committee of the Division of Biology and Agriculture of the National Research Council; organized in 1922 as a separate body with the present title.

Object: The standardization of biological stains; to this end the Commission carries on investigations looking toward the perfecting of the supply of biological stains and toward the development of new uses for them; brings about cooperation between manufacturers, dealers, and users of stains; publishes scientific data relating to the nature and use of biological stains; issues statements of certification to manufacturers; and conducts investigations in related fields.

Membership: Composed of persons interested in the work who are nominated by some member of the Executive Committee, and elected by a majority vote of that committee. Any national scientific society may elect or appoint a representative to the Commission; these representatives constitute the Executive Committee. There are no dues or fees. List of members published in Stain Technology.

Meetings: No general meetings; occasional meetings of the Executive Committee.

Research funds, medals, etc.: A laboratory is maintained at Geneva, N. Y., for testing stain samples submitted for certification and for investigations concerning stains. The Commission also employs an associate in chemistry, located at the Color Laboratory, U. S. Department of Agriculture.

Publications: Stain Technology, quarterly, 1-16, 1926-1941, price \$3.50.

477. Committee for the Study of Suicide, Inc. Room 1404, 57 West 57th Street, New York, N. Y. *President*: Winfred Overholser, Superintendent, St. Elizabeth's Hospital, Washington, D. C. *Secretary*: Gregory Zilboorg, 14 East 75th Street, New York, N. Y.

History: Incorporated December, 1935.

Object: To undertake a comprehensive study of suicide as a social and a psychological phenomenon.

Membership: The present membership of fourteen, which may be increased to twenty, is composed of doctors, a social worker, and two representatives of the lay public. No annual dues.

Meetings: Annual, at Committee headquarters.

Research funds, medals, etc.: Funds approximating \$115,000 from Marshall Field and others constitute the working capital.

478. Committee on Research in Medical Economics, Inc. 1790 Broadway, New York, N. Y. **Chairman and Executive Officer:** Michael M. Davis. Term of Chairman, elected for one year, expires January, 1943.

History: Incorporated as a nonprofit agency under the laws of New York State, in December, 1936. **Reference:** Eight Years' Work in Medical Economics, published through Julius Rosenwald Fund.

Object: To conduct or promote studies of medical services, particularly of their economic and social aspects; and, through advisory service, publication, and the training of personnel to assist in translating knowledge into action.

Membership: A self-perpetuating committee, of not more than 15 members under present by-laws; present membership 10. List of members available.

Meetings: Quarterly, in New York City.

Library: Approximately 600 volumes and a large number of pamphlets, articles, and reports concerning the social and economic aspects of medicine.

Research funds, medals, etc.: The Committee is supported by a grant from the Julius Rosenwald Fund.

Publications: Medical Care, quarterly, 1- , 1941- , price \$3.

479. Commonwealth Fund. 41 East 57th Street, New York, N. Y. **General Director:** Barry C. Smith. **President:** Malcolm P. Aldrich. Term of President, elected for one year, expires December, 1942.

History: A philanthropic foundation incorporated October 17, 1918, under the laws of the State of New York as a membership corporation.

Object: To administer the income of the Fund for the support of any objects "for the welfare of mankind." At present the Fund is used exclusively in the medical field.

Meetings: Annual, the second Thursday in December.

Library: Approximately 1,637 volumes on medical, social, and philanthropic subjects.

Publications: News-Letter, issued 3 times a year. Annual Report.

480. Compressed Gas Manufacturers' Association, Inc. 11 West 42nd Street, New York, N. Y. **President:** F. G. Tallman, Jr. **Secretary:** F. R. Fetherston. Term of President, elected for one year, expires January, 1942.

History: Organized 1913; incorporated 1914 in New York. **Section:** Canadian.

Object: To promote the industry by technical investigations and standardization.

Membership: Active, annual dues \$25 to \$500 domestic, \$25 foreign; Associate, \$25.

Meetings: Annual, usually in New York City.

Publications: Bulletin. Technical Series, 1921-1932. Annual Report.

481. Conference of Executives of American Schools for the Deaf. **President:** Percival Hall, Gallaudet College, Washington, D. C. **Secretary:** Edmund B. Boatner, American School for the Deaf, West Hartford, Conn. Officers elected for three years; terms expire 1942.

History: Founded 1896 as the Conference of Superintendents and Principals of American Schools for the Deaf; incorporated and name changed to present title under the laws of the State of Maryland in 1931.

Object: To promote the management of schools for the deaf along the broadest and most efficient lines and to further promote the general welfare of the deaf.

Membership: Membership is limited to executive heads of schools for the deaf in the United States and Canada. Total membership 70.

Meetings: Triennial.

Publications: American Annals of the Deaf, bimonthly, during the school year, 1854-1941, price \$2.

482. Conference of Research Workers in Animal Diseases in North America. **President:** E. T. Hallman, Michigan State College, East Lansing, Mich. **Secretary:** William H. Feldman, Mayo Clinic, Rochester, Minn. Officers elected for one year; terms expire December, 1942.

History: Organized 1920.

Object: To promote interest and maintain high standards in the field of research in animal diseases.

Membership: Annual dues \$1. Total membership 125. List of members available. Research workers employed by the United States Government or by any national, state, or provincial government in North America or

by endowed institutions and engaged in the investigation of animal diseases shall be eligible for active membership in the Conference, provided that an application for membership has been favorably acted upon by the Executive Committee and approved by the Conference in regular session.

Meetings: Annual, in Chicago.

483. Conference of State and Provincial Health Authorities of North America. *President:* Frederick W. Jackson, Deputy Minister of Health of Manitoba, Winnipeg, Canada. *Secretary:* A. J. Chesley, Executive Officer, State Board of Health, 460 State Office Building, St. Paul, Minn. Term of President, elected for one year, expires June, 1942; Secretary elected for three years.

History: Organized 1884.

Object: The discussion and study of health problems by official agencies.

Membership: Executive officers of State, Territorial, and Provincial health departments as well as those of Newfoundland. Active members, 68, annual dues \$20. Honorary Life members, 23.

Meetings: Annual, usually in Washington, D. C.

Publications: Annual Proceedings, 1884-1940; not published certain years; 1-11 as National Conference of State Boards of Health Proceedings. Free to members.

484. Conference of State and Territorial Health Officers with the Public Health Service. U. S. Public Health Service Building, Washington, D. C. *President:* The Surgeon General, Presiding Officer, U. S. Public Health Service, Washington, D. C. *Secretary:* Assistant Surgeon General, Division of Domestic Quarantine, U. S. Public Health Service, Washington, D. C. These offices are held *ex-officio*.

History: First conference held in 1903, in accordance with the Act of Congress, July 1, 1902. *Sections:* Record and Reports, Professional Education and Qualifications, Social Security Program, Hospitals and Medical Care, Venereal Disease Control, Interstate and Foreign Quarantine.

Object: To maintain cordial relations between the Surgeon General and the State and Territorial Health Officers, and their respective organizations; to enable State and Territorial Health Officers to confer with the Surgeon General and the Public Health Service in regard to their public health problems and procedures.

Membership: All State and Territorial Health Officers are members *ex-officio*. Total membership 52. Names of members are contained in the Directory of State and Insular

Health Authorities, published annually in Public Health Reports of the U. S. Public Health Service; obtainable from the Superintendent of Documents, Washington, D. C., for 5 cents.

Meetings: Annual, and at other times when it is deemed necessary by the Surgeon-General.

Publications: Mimeographed proceedings of the annual conference are distributed to members.

485. Conference of State Sanitary Engineers. U. S. Public Health Service, Washington, D. C. *Chairman:* Howard D. Schmidt, State Department of Health, Nashville, Tenn. *Secretary:* H. N. Old. Term of Chairman, elected for one year, expires October, 1942; of Secretary, indefinite.

History: Organized 1920.

Object: To coordinate the public health engineering activities of the official State and Territorial health organizations, and to encourage the interchange of experience among sanitary engineers in official administrative positions.

Membership: Voting or full members, chief engineers of the state health department; Associate members, engineers in the engineering division of the state health departments and engineers connected with the Public Health Service; Affiliated members, engineers connected with Federal or Provincial health departments; annual dues \$1.

Meetings: Annual, with the American Public Health Association.

Publications: Annual Proceedings, not published since 1932.

486. Congress of American Physicians and Surgeons. *President:* James B. Herrick, Peoples Gas Building, Chicago, Ill. *Secretary:* John T. King, 1210 Eutaw Place, Baltimore, Md.

History: Organized 1887. Composed of nine associations: American Otological Society, American Neurological Association, American Dermatological Association, American Laryngological Association, American Clinical and Climatological Association, American Association of Genito-Urinary Surgeons, American Orthopedic Association, American Pediatric Society, American Association of Pathologists and Bacteriologists.

Object: The promotion of the medical and allied sciences.

Membership: Members must be members of component associations. Congress fee of \$5 every five years. Total membership 2,000.

Meetings: Every five years.

Publications: Transactions, every five years, 1-16, 1888-1938, price \$1.

487. Connecticut Academy of Arts and Sciences. *President:* Alexander Petrunkevitch, Yale University, New Haven, Conn. *Secretary:* George F. Eaton, Osborn Botanical Laboratory, New Haven, Conn.

History: Organized March 4, 1799; incorporated October, 1799. *Sections:* History, Economics and Philosophy; Natural and Physical Sciences, Mathematics and Astronomy; Language and Literature. *Reference:* The First Century of the Connecticut Academy of Arts and Sciences, by S. E. Baldwin, Transactions, 11, part 1: 13-35, 1901-1903.

Object: To cultivate every art and science which may tend to advance the interest and happiness of a free and virtuous people.

Membership: Active, limited to 200, entrance fee \$5, annual assessment \$5; Life, one payment of \$100; Associate, non-resident; Honorary, not to exceed 25 at one time.

Meetings: Monthly, except July to September.

Library: The library is incorporated in the Library of Yale University.

Publications: Memoirs, 1, pt. 1-4, 1810-1816; 2, 2-10, 1910-1936. Transactions, 1-33, 1866-1940. Price varies, free to members. Exchange with 535 institutions here and abroad.

488. Connecticut Botanical Society. Osborn Botanical Laboratory, Yale University, New Haven, Conn. *President:* Edgar B. Harger, Oxford, Conn. *Secretary:* Arthur E. Blewitt, 71 Eastwood Avenue, Waterbury, Conn. Officers elected for one year; terms expire January, 1943.

History: Organized January 24, 1903.

Object: To secure a more thorough understanding and knowledge of the flora of the State.

Membership: Entrance fee \$1, annual dues \$1. Total membership 126. List of members available.

Meetings: Annual. Six or seven field meetings are held each year.

Publications: Yearbook, free.

489. Connecticut Forest and Park Association. 215 Church Street, New Haven, Conn. *President:* Christopher M. Gallup, North Stonington, Conn. *Secretary:* Edgar L. Heermance. Officers elected for one year; terms expire February, 1942.

History: Organized 1895 as the Connecticut Forestry Association; name changed in 1928 to present title.

Object: The promotion of forestry, state forests and parks, roadside improvement, nature study, and outdoor recreation.

Membership: Annual members, \$2; Sustaining, \$10 annually; Contributing, \$25 or more

annually; Founder, \$1,000; Benefactor, \$500; Patron, \$250; Life, \$100. Total membership 1,217.

Meetings: Annual; field meetings in spring and fall.

Publications: Publications, 1-41, 1895-1940. Connecticut Woodlands, 1-6, 1936-1941, 3 issues a year, price 25 cents, free to members.

490. Connecticut Horticultural Society. County Building, Hartford, Conn. *President:* Roderrick M. Crockett, 6 Cone Street, Hartford, Conn. *Secretary:* Mrs. Walter B. Bryant, 25 Olcott Drive, Manchester, Conn. Officers elected for one year; terms expire December, 1942.

History: Organized 1889 as an incorporated society by special act of the Connecticut General Assembly.

Object: To promote and encourage the interests of horticulture.

Membership: Active members, annual dues \$2; Sustaining, \$5; Contributing, \$25; Life, \$100. Total membership 350.

Meetings: Monthly.

Library: 200 volumes on horticulture.

491. Connecticut Pharmaceutical Association. 20 Lake Place, New Haven, Conn. *President:* Paul Kunkel, Waterbury, Conn. *Secretary:* Alice-Esther Garvin, 20 Lake Place, New Haven, Conn. Term of President, elected for one year, expires June, 1942; Secretary, permanent.

History: Organized February, 1876, with forty-two members.

Object: To promote professional pharmacy, to organize those working towards the same ends, and to cooperate with other branches of medicine.

Membership: Active, entrance fee \$5, annual dues \$5; Life; Honorary. Total membership 782.

Meetings: There are two meetings a year, in January and in June.

Publications: Connecticut Capsule, monthly, 1935-1941, price \$1, free to members. Proceedings, \$2, free to members.

492. Connecticut Public Health Association. *President:* Richard O'B. Shea, Bridgeport, Conn. *Secretary:* M. L. Palmieri, 255 Main Street, Middletown, Conn. Officers elected for one year; terms expire April, 1942.

History: Organized 1916; constitution adopted December 3, 1917.

Object: To protect and promote public health and safety.

Membership: Active members, persons professionally engaged in the services of public health in Connecticut; Associate members, any

interested person. Annual dues \$1. Total membership 210. List of members available.

Meetings: Meetings are held in the spring and fall.

493. Connecticut Society for Mental Hygiene, Inc. 152 Temple Street, New Haven, Conn. *President:* William B. Terhune. *Medical Director:* George K. Pratt. *Field Secretary:* William A. James. Terms expire 1942, with the exception of that of the Field Secretary, whose office is permanent.

History: Founded 1908, incorporated 1909. Branch Societies in Bridgeport, Waterbury, Hartford, New Haven, New Britain, and Stamford. Affiliated psychiatric clinics at Bridgeport, New Haven, Stamford, and Waterbury.

Object: To work for the conservation of mental health, prevention of nervous and mental disorders, and improvement in the care and treatment of those suffering from these diseases or from mental deficiency.

Membership: Members, annual dues \$2; Contributing, \$5; Sustaining, \$10 to \$100; Patrons, \$100 to \$500; Benefactors, \$500 or more. Total membership 3,000.

Meetings: The Executive Committee meets monthly, the Board of Directors, quarterly, and the membership at large meets annually.

Publications: Mental Hygiene News, 6 times a year, 1, 1922-, price 50 cents, free to members. Annual Report, 1-, 1909-. Publications, 1-, 1909-.

494. Connecticut Society of Civil Engineers, Inc. P. O. Box 235, New Haven, Conn. *President:* W. Vincent Barry, 214 Kneeland Road, New Haven, Conn. *Secretary:* H. Jackson Tippet, 120 Westwood Road, New Haven, Conn. Term of President, elected for one year, expires March, 1942; of Secretary, appointed for one year, March, 1942.

History: Founded January 15, 1884, as the Connecticut Association of Civil Engineers and Surveyors; name changed to present title April, 1901. *Reference:* The History of the First Fifty Years of the Connecticut Society of Civil Engineers, by Charles Rufus Harte.

Object: To benefit members professionally, to present papers on civil engineering, and to promote good fellowship.

Membership: Members, Associates, and Honorary members. Entrance fee \$4; annual dues \$4. Total membership 1,004. List of members available.

Meetings: Annual; six or seven local meetings a year.

Research funds, medals, etc.: A prize and a certificate are awarded for the best papers submitted by members.

Publications: Annual Report, 1-57; 1884-1941, price \$1.50, free to members.

495. Connecticut State Medical Society. 258 Church Street, New Haven, Conn. *President:* James Douglas Gold, 839 Myrtle Avenue, Bridgeport, Conn. *Secretary:* Creighton Barker. Officers elected for one year; terms expire May, 1942.

History: Incorporated May, 1792.

Object: To extend medical knowledge, to advance medical science, and to bring together the medical profession in Connecticut.

Membership: Active and Associate members, annual dues \$15. Total membership 1,838. List of members available.

Meetings: Annual, in May.

Publications: Connecticut State Medical Journal, monthly, 1936-1941, price \$4, free to members.

496. Connecticut Technical Council, Inc. P. O. Box 265, New Haven, Conn. *Chairman:* R. G. Warner, 80 Temple Street, New Haven, Conn. *Secretary:* C. C. Furnas, Sterling Chemistry Laboratory, Yale University, New Haven, Conn. Officers elected for one year; terms expire June, 1942.

History: Organized 1932; incorporated 1940.

Object: To coordinate the technical societies of Connecticut and assist in the solution of public problems of a technical nature.

Membership: The Council is composed of eight technical societies of Connecticut, annual dues \$5 per 100 members.

Meetings: Meetings on call, in New Haven.

497. Cooper Ornithological Club. Los Angeles Museum, Los Angeles, Calif. *President:* Howard Robertson, 157 Wilton Drive, Los Angeles, Calif. *Secretary:* George Willett. Officers elected for one year; terms expire April, 1942.

History: Organized in San Jose, California, in June, 1893; incorporated December 6, 1934. *Divisions:* Northern and Southern. *Reference:* The Cooper Ornithological Club, 1893-1928, by H. S. Swarth, San Francisco, 1929.

Object: The study of birds, primarily of Western North America, and the diffusion of the knowledge thus gained.

Membership: Active, annual dues \$3; Life, payment of \$75; Honorary. Total membership 891. List of members available for 50 cents.

Meetings: Divisions meet monthly; general meeting annually.

Library: 1,000 volumes on ornithology.

Research funds, medals, etc.: COOPER PRIZE IN ORNITHOLOGY, \$50, given annually for the best written essay on birds by an undergraduate of the University of California.

Publications: Condor, bimonthly, 1-43, 1899-1941, price \$3, free to members; vol. 1 as Bulletin of the Cooper Ornithological Club of

California. Pacific Coast Avifauna, 1-25, 1900-1937.

498. Copper and Brass Research Association. 420 Lexington Avenue, New York, N. Y. *President:* John A. Coe, Waterbury, Conn. *Manager:* T. E. Veltfort. *Secretary:* B. B. Caddle.

History: Organized 1921.

Object: To bring about a wider knowledge of the uses of copper and brass in industry through cooperative effort.

Membership: Leading manufacturers of copper and brass mill products. Annual fee based on members and tonnage. List of members available.

Meetings: Annual, during May.

Publications: Bulletin, monthly, 1- , 1921- .

499. Cordage Institute. 350 Madison Avenue, New York, N. Y. *Chairman and Secretary:* J. S. McDaniel.

History: Organized June, 1920.

Object: To handle matters relative to cordage of common interest to members.

Membership: Fifteen manufacturers, dues pro-rated. List of members available.

Meetings: Quarterly; special meetings are held frequently, at least twelve times a year.

Research funds, medals, etc.: The Institute cooperates with the National Bureau of Standards, the Department of Agriculture of the Philippine Islands, and the American Petroleum Institute.

500. Corn Industries Research Foundation. 5 East 45th Street, New York, N. Y. *President:* George M. Moffett, 17 Battery Place, New York, N. Y. *Secretary:* Pendleton Dudley. Officers elected for an indefinite period.

History: Organized February, 1932.

Object: To create and broaden public, consumer, dealer, manufacturer, institutional, governmental, and scientific interest in the corn industry and its products.

Membership: Comprised of members of wet starch-milling industry, 11 companies; no dues, financed by proportionate contribution as related to volume of business. List of members available.

Meetings: Irregular.

Library: Approximately 250 technical volumes relating to the products, processes, uses, biochemistry, and statistics of corn.

Research funds, medals, etc.: Research fellowships are maintained in various leading universities, such as University of Iowa, Harvard University, University of Rochester, etc., for the purpose of adding to and extending knowledge of nutrition, with special reference

to the products of corn. The research grant is variable; \$40,000, in 1941.

501. Council of Scientific Societies of Western New York. Buffalo Museum of Science, Buffalo, N. Y. *President:* Irving G. Reimann. *Secretary:* Harold D. Mitchell. Term of President, elected for two years, expires 1942; of Secretary, elected for two years, 1943.

History: Organized 1940. There are twenty-five member organizations. *Reference:* Science, 92: 76; 92: 577, 1941.

Object: To further scientific activity on the Niagara frontier.

Membership: Two representatives elected by each member organization.

Meetings: Monthly meetings. The first Annual Scientific Symposium was held in November, 1940.

502. Council on Medical Education and Hospitals. 535 North Dearborn Street, Chicago, Ill. *Chairman:* Ray Lyman Wilbur, Stanford University, Calif. *Secretary:* William D. Cutter. Term of Chairman expires in 1946; Secretary, permanent.

History: A standing committee of the American Medical Association, organized in 1905.

Object: To investigate conditions of medical education including premedical, undergraduate, and graduate medical education, and hospitals and associated subjects, in order to suggest means and methods by which they may be improved; to endeavor to further the realization of such suggestions as may be approved by the House of Delegates of the American Medical Association.

Membership: There are seven members. The term of office of one member expires each year. One member is elected annually by the House of Delegates of the American Medical Association on the nomination of the Board of Trustees.

Meetings: An Annual Congress on Medical Education and Licensure is held; invitations are sent to medical educators and hospital administrators.

Publications: The following publications are issued annually: Hospital Service in the United States. Medical Licensure Statistics. Medical Education in the United States. Proceedings of the Annual Congress on Medical Education and Licensure.

503. County Engineers Association of the State of California. *President:* Alfred Jones, County Surveyor, 700 Hall of Records, Los Angeles, Calif. *Secretary:* H. L. Way, County Surveyor, San Bernardino, Calif. Officers elected for one year; terms expire 1942.

History: Founded 1915.

Object: The promotion of engineering knowledge and practice among its members, and the furtherance of the general interests intrusted to the county engineers of the State of California.

Membership: Membership consists of county engineers, county surveyors, county engineers or city and county engineers working under charter, engineers working under County Highway Commission, and not more than two assistants from any one county. Entrance fee \$10; includes dues for first year or fractional part thereof; annual dues \$6. Total membership approximately 60. List of members available.

Meetings: Annual, in odd numbered years the Association meets in Sacramento, in even numbered years the meetings alternate between the northern and southern portions of the State.

504. Cranbrook Institute of Science. Bloomfield Hills, Mich. *Director:* Robert T. Hatt.

History: Founded 1930.

Object: Scientific research, education through publication, and the maintenance of a museum of natural history.

Membership: Annual members, annual dues \$2; Junior, 50 cents; Life, \$100; Sustaining, \$10; Founders; Honorary; Honorary fellows.

Library: 5,000 volumes on natural history.

Research funds, medals, etc.: Annual grants-in-aid of research, \$2,000, to be used in preparation of reports in the natural sciences.

Publications: Bulletin, irregular, 1-18. Annual Report. News Letter.

505. Crop Protection Institute. 229 Quackenbos Street, N. W., Washington, D. C. *Chairman, Board of Governors:* W. C. O'Kane, Durham, N. H. *Secretary-Treasurer:* Herman Schwertner. Officers elected for one year; terms expire February, 1942.

History: Organized September 28, 1920, by call of the National Research Council.

Object: To promote the efficient control of injurious insects, plant diseases, and toxic substances affecting economic and ornamental plants and their products, or injurious to man, domestic animals, and animal products; to support and direct research upon these and other problems of a similar nature; to further cooperation between the scientific workers and the producers of chemicals; and to assist in the dissemination of scientifically correct information regarding the control of injurious insects, plant diseases, and toxic substances.

Membership: Annual dues \$1. Total membership, about 300.

Meetings: Annual, usually in connection with the American Association for the Advancement of Science.

Research funds, medals, etc.: The Institute has a small invested fund, but its work is carried on through money obtained from industrial firms for special work. It has expended about three quarters of a million dollars to date, averaging about \$30,000 annually. Research investigators are employed for the problems.

Publications: Crop Protection Institute Circular, monthly or less frequently, 1922-1941, mimeographed, issued for members only. Crop Protection Digest, Bulletin series, irregular, nos. 1-65, 1921-1941, price 25 cents for non-members.

506. Crystallographic Society. 12 Geological Museum, Oxford Street, Cambridge, Mass. *President:* Martin J. Buerger, Massachusetts Institute of Technology, Cambridge, Mass. *Secretary:* Clifford Frondel, Harvard University, Cambridge, Mass. Officers elected for one year; terms expire January, 1943.

History: Informally organized October 15, 1939; formally organized November 17, 1941.

Object: The study of the crystallographic aspects of mineralogy, chemistry, physics, metallurgy, and other fields of science.

Membership: Annual dues \$1.50. Total membership 50.

Meetings: Irregular, in Cambridge.

507. Dallas Petroleum Geologists. *President:* James A. Lewis. 717 Santa Fe Building, Dallas, Tex. *Secretary:* Barney Fisher, 406 Continental Building, Dallas, Tex. Officers elected for one year; terms expire January, 1943.

History: Organized as a local society in 1918 after the Southwestern Geological Society was abandoned.

Object: To promote the science of geology, geophysics, paleontology, petroleum engineering, and other sciences related to petroleum and natural gas; and to stimulate good fellowship and cooperation among the members.

Membership: Annual dues \$2. Total membership 71.

Meetings: Monthly.

508. Delaware Academy of Medicine, Inc. Academy Building, Lovering Avenue and Union Street, Wilmington, Del. *President:* W. H. Kraemer, du Pont Building, Wilmington, Del. *Secretary:* Douglas T. Davidson, Overlook, Claymont, Del. Officers elected for two years; terms expire April, 1943.

History: Incorporated February 20, 1930. *Reference:* Delaware State Medical Journal, 12: 189, August, 1940.

Object: To increase the professional efficiency and knowledge of the physicians and dentists of Delaware, and to aid them in research.

Membership: Regular members, those living within fifteen miles of the Academy, annual dues \$10; Associate, those living more than fifteen miles from the Academy, \$5. Total membership 156.

Meetings: Monthly, except during the summer, at the Academy Building.

Library: 3,500 books and 150 current periodicals on medicine and dentistry.

Research funds, medals, etc.: A series of lectures on various phases of medicine and dentistry is presented each year.

509. Delaware County Institute of Science.

11 South Avenue, Media, Pa. **President:** Walter Palmer, R. F. D. 2, Media, Pa. **Secretary:** Edward V. Streeper, 507 South Orange Street, Media, Pa. Officers elected for one year; terms expire May, 1942.

History: Organized September 21, 1833. **Sections:** Anthropological, Art, Astronomical, Biological, Botanical, Geological and Mineralogical, Chemical, Historical, Language, Lecture, Mathematical, Microscopical, Ornithological, Physics, and Photographic.

Object: The promotion of scientific knowledge.

Membership: Active members, entrance fee \$1, annual dues \$2; Sustaining, \$1, \$10; Life, payment of \$25; Junior; Honorary. List of members available.

Meetings: Monthly, at Media, Pa.

Library: 11,000 volumes on scientific, historical, and general subjects.

Research funds, medals, etc.: Free monthly lectures are sponsored. A laboratory is maintained by the Chemical Section.

Publications: Proceedings, quarterly, 1-9, 1905-1937, free.

510. Delaware Valley Ornithological Club.

Academy of Natural Sciences, 19th and Race Streets, Philadelphia, Pa. **President:** Wharton Huber, 225 St. Marks Square, Philadelphia, Pa. **Secretary:** N. J. McDonald, 8323 Shawnee Street, Philadelphia, Pa. Officers elected for one year; terms expire December, 1941.

History: Organized January, 1890.

Object: The study of ornithology.

Membership: Residents of Pennsylvania, Delaware, and New Jersey who are interested in ornithology. Active members, 133; Corresponding, 50; Honorary, 5; Fellows, 28. Annual dues \$2.

Meetings: Semimonthly, from October to May, at the Academy of Natural Sciences.

Publications: Cassinia, irregular, 1- , 1900- ; volumes 1-4 issued as Abstracts of Proceedings of the Delaware Valley Ornithological Club. Price \$1, free to members.

511. Des Moines Academy of Medicine and Polk County Medical Society. 821 Bankers Life Building, Des Moines, Iowa. **President:** James E. Dyson, 804 Bankers Trust Building, Des Moines, Iowa. **Secretary:** Donald H. Kast, 903 Bankers Trust Building, Des Moines, Iowa. Officers elected for one year; terms expire January, 1943.

History: Organized 1852 as the Polk County Medical Society; incorporated 1884. Present name adopted April 29, 1930. **Sections:** Ophthalmology and Otolaryngology.

Object: By meetings and interchange of views to secure intelligent unity and harmony in every phase of medicine, and to elevate and make effective the opinions of the profession in scientific, legislative, public health, material, and social affairs.

Membership: Active Senior members, those who have had over three and less than fifty years of practice, entrance fee \$2, annual dues \$12.50; Active Junior members, those who have been in practice less than three years, entrance fee \$2, annual dues \$7.50; Life members, those of over fifty years' practice or those retired from active practice by reason of age or physical disability, annual dues \$5; Non-resident members, those physicians practicing outside of Polk County who are in good standing in their own county society, \$5; Associate members, those non-members of the medical profession who are working in sciences allied to medicine, or who are interested in topics germane to the work of the society, \$5; Internes members, those graduates in medicine who are serving as full-time internes in any recognized hospital in Polk County, \$2. Total membership 261.

Meetings: Monthly, except summer months. **Research funds, medals, etc.:** \$500 annually for postgraduate lectures.

Publications: Bulletin, monthly, 1-12, 1929-1941.

512. Detroit Academy of Natural Sciences.

President: Bert Hudgins, Wayne University, Detroit, Mich. **Secretary:** Bert Lambert, 16854 Wildemere Avenue, Detroit, Mich. Officers elected for one year; terms expire January, 1943.

History: Organized 1939.

Object: The advancement of learning in the natural sciences.

Membership: Active members, annual dues \$1; Fellows, \$3. Total membership 90. List of members available.

Meetings: Monthly, from September to May, at various places.

513. District of Columbia Council of Engineering and Architectural Societies. **Chairman:** Maurice Weschler, 732 Seventeenth Street,

N. W., Washington, D. C. *Secretary:* R. B. Garrabrant, 203 Forest Avenue, Rockville, Md. Officers elected for one year; terms expire January, 1943.

History: Organized April 17, 1936, in Washington, D. C.

Object: To enable the architectural, engineering, and allied technical organizations in the District of Columbia to render a more effective public service, and to contribute to the advancement of these professions.

Membership: Any duly organized and recognized engineering, architectural, or allied technical organization of the District of Columbia is eligible for membership. Each organization elected to membership elects or appoints two delegates and two alternates to represent it in Council. Annual dues \$10. Total membership, 13 societies.

Meetings: The first Friday of January, March, May, September, and November; Annual meeting in January. Additional meetings may be called by the chairman or by petition signed by one delegate of each of five member organizations.

514. **East Bay Engineers' Club.** *President:* J. G. Bastow, Port of Oakland at the foot of Grove Street, Oakland, Calif. *Secretary:* G. J. Cummings, 113 Tenth Street, Oakland, Calif. Officers elected for one year; terms expire June, 1942.

History: Organized 1922.

Object: Talks of technical and general interest to the members.

Membership: Annual dues \$2. Total membership 140.

Meetings: The second and fourth Fridays of each month at the Athens Athletic Club, Oakland.

515. **East Indies Institute of America, Inc.** 15 West 77th Street, New York, N. Y. *President:* Adriaan J. Barnouw, Columbia University, New York, N. Y. *Secretary:* Claire Holt.

History: Organized June, 1941; incorporated July, 1941.

Object: To stimulate or conduct scholarly studies and research pertaining to the Malay Archipelago, the Malay Peninsula, the Philippine Islands (all hereinafter referred to as the "East Indies"), and regions culturally connected with them; to serve as a bond of union among scholars and cultural institutions in the United States and in the East Indies for purposes of collaboration and coordination of information and research; to further in the United States the diffusion of knowledge of the East Indies; and to furnish scholarships and fellowships and to extend any other aid, financial or otherwise,

to distinguished or worthy students of the East Indies or of East Indian culture.

Membership: Active members, annual dues \$4; Associate, Corresponding, and Honorary members pay no dues; Supporting members, \$10 or more annually; Life members, payment of \$100; Patrons, contribution of \$250 or more; Founders, contribution of \$1,000 or more.

Meetings: An annual meeting is held at such time and place as the Board of Directors may determine; special meetings may be held on call of the Board of Directors or the President.

516. **East Texas Geological Society.** Tyler, Tex. *President:* C. I. Alexander, P. O. Box 780, Tyler, Tex. *Secretary:* L. Brundall, P. O. Box 2037, Tyler, Tex. Officers elected for one year; terms expire September, 1942.

History: Organized September 10, 1931.

Object: To promote the science of geology as related to East Texas and adjacent regions, and to promote fellowship and cooperation among geologists resident therein.

Membership: Annual dues \$2. Total membership 30.

Meetings: Weekly, and on call.

517. **Eastern Association of Physics Teachers.** *President:* John P. Brennan, High School, Somerville, Mass. *Secretary:* Carl W. Staples, High School, Chelsea, Mass. Officers elected for one year; terms expire May, 1942.

History: Organized February 2, 1895.

Object: To promote greater efficiency in the teaching of physics in the secondary schools.

Membership: Active members, annual dues \$3; Associate, \$2. Total membership 162.

Meetings: Three meetings a year, usually in December, March, and May.

Publications: Reports of meetings since about 1930 have been published in *School Science and Mathematics*.

518. **Eastern Psychological Association.** *President:* Gardner Murphy, College of the City of New York, New York, N. Y. *Secretary:* Harry Helson, Bryn Mawr College, Bryn Mawr, Pa. Term of President expires 1942; of Secretary, elected for three years, 1943.

History: The organization grew out of meetings of members of the Anthropology and Psychology Section of the New York Academy of Sciences before 1900. By vote of the Council of the American Psychological Association this Association was called the New York Branch of the American Psychological Association. Name changed to the present title in 1938.

Object: The advancement of the science of psychology through meetings for the presentation of reports and discussion.

Membership: Annual dues \$1. Total membership 788. List of members in the Yearbook of the American Psychological Association, price 50 cents.

Meetings: Annual.

Publications: The proceedings of the Association appear in the Psychological Bulletin.

519. Eastern Surgical Society. 950 Park Avenue, New York, N. Y. **President:** Floyd McRae, 384 Peachtree Street, Atlanta, Ga. **Secretary:** Shepard Krech. Officers elected for one year; terms expire April, 1942.

History: Organized 1928.

Object: To promote interest in clinical and scientific surgery by providing opportunity at stated intervals for its members to visit, in a body, the clinics and laboratories situated in the cities represented.

Membership: No annual dues. Total membership 31; limited to 35.

Meetings: Annual.

520. Ecological Society of America. **President:** C. F. Korstian, Duke University, Durham, N. C. **Secretary:** William M. Dreyer, University of Cincinnati, Cincinnati, Ohio. Term of President, elected for one year, expires 1943; of Secretary, elected for two years, 1944.

History: Founded 1915. The Western Section includes those members residing west of the eastern boundary of the State of Colorado.

Object: To give increased unity to the study of organisms in relation to environment, to further intercourse between men who are studying widely different groups of organisms from closely related points of view; to stimulate ecological research, and to promote the utilities which may be served by the principles of the science of ecology in the broadest conception.

Membership: Active members, annual dues \$5; Sustaining, \$10; Associate, \$1; Life, \$100. Total membership 737. List of members in the Bulletin.

Meetings: Semiannual, December and June, at various places.

Publications: Ecology, quarterly, 1-22, 1920-1941, price \$5, free to members. Bulletin, quarterly, 1-22, 1917-1919, 1922-1941, price \$1, free to members. Ecological Monographs, quarterly, 1-11, 1931-1941, price \$5, free to Sustaining members.

521. Econometric Society. University of Chicago, Chicago, Ill. **President:** Wesley C. Mitchell, Columbia University, New York, N. Y. **Secretary:** Alfred Cowles. Officers elected for one year; terms expire December, 1942.

History: Founded December, 1930.

Object: The advancement of economic theory in relation to mathematics and statistics.

Membership: Ordinary members and Fellows. Annual dues \$6 in the United States and Canada, \$4 foreign. Total membership 703.

Meetings: Annual, usually, in the United States and in Europe.

Publications: Econometrica, quarterly, 1-9, 1933-1941, price \$7, free to members.

522. Edison Electric Institute. 420 Lexington Avenue, New York, N. Y. **President:** C. W. Kellogg. **Secretary:** M. B. Woods.

History: Organized January 12, 1933.

Object: To advance in public service the art of producing, transmitting, and distributing electricity, and to promote scientific research in this field; to ascertain and make available to members and the public factual information, data, and statistics relating to the electric industry; and to aid its operating company members in generating and selling electric energy at the lowest possible price commensurate with safe and adequate service, with due regard to the interests of consumer, investor, and employee.

Membership: Operating Company members, Holding Company members, Canadian Affiliate members, and Honorary members. Annual dues based on gross revenue.

Meetings: Annual, at place selected by the Operating Committee.

Library: 2,000 volumes on the electrical industry.

Research funds, medals, etc.: CHARLES A. COFFIN AWARD. Under the terms of the Charles A. Coffin Foundation as established by the General Electric Company, the award, comprising a gold medal and \$1,000 for the employees' benefit fund is made to that company which during the year has made a distinguished contribution to the development of electric light and power for the convenience and well being of the public and the benefit of the industry. AUGUSTUS D. CURTIS AWARD. A certificate donated by Curtis Lighting, Inc., in memory of Augustus D. Curtis, awarded to the public utility operating company within the United States which during the twelve-month period has made the greatest contribution to the advancement of artificial illumination of interiors or exteriors of commercial and public buildings, and a cash prize of \$200 to the individual or individuals in that company responsible for the achievement. A second prize of \$100, a third of \$50, and a fourth of \$25 are awarded to the individual or individuals responsible for the achievement of the companies adjudged second, third, and fourth in the contest. GEORGE A. HUGHES AWARD. A trophy donated by Mr. George A. Hughes, awarded to the public util-

ity operating company within the United States which during the year has made distinguished contributions to the development of the market for electric ranges through promotion or selling, or both, and cash prizes totalling \$1,000 to the individuals responsible for the achievement. **THOMAS W. MARTIN AWARD.** A bronze plaque donated by Mr. Thomas W. Martin, awarded to the public utility operating company within the United States which during the year has made the greatest contribution to agricultural advancement within the company's territory through promotion of uses of electricity, development of rural load, cooperation with other agencies, extension of rural lines, organization and planning development of rural electrification. **FORBES PRIZE.** A cash award of \$250 donated by Mr. B. C. Forbes, for the most meritorious paper dealing with the subject of public relations in the electric light and power industry. **McGRAW PRIZES.** Cash prizes of \$250, \$150, and \$100 donated by Mr. James H. McGraw for the three most meritorious papers on any engineering or technical subject relating to the electric light and power industry. **CLAUDE L. MATTHEWS AWARDS FOR VALOR.** Three cash awards of \$150 each, offered by Mr. Claude L. Matthews, for acts of devotion to duty by public utility company employees wherein outstanding courage has been shown in efforts to maintain important electric service or restore service in the shortest possible time. **LAURA MCCALL AWARD.** An engraved plaque, two illuminated parchments, and cash prizes of \$100, \$50, and \$25, donated by McCall's Magazine for outstanding achievements by Home Service departments of operating public utility companies in advancement of electrical living in the home through promotion of electrical appliances and home lighting equipment. **EDISON ELECTRIC INSTITUTE MEDAL,** awarded in meritorious cases of resuscitation from electric shock by the Schafer Prone Pressure Method, to employees of light and power companies.

Publications: Edison Electric Institute Bulletin, monthly, price \$2. Electrical Research Statistics, monthly. Weekly Electric Power Output. Statistical Bulletin, annual, 75 cents. Committee Reports.

533. Educational Records Bureau, Inc. 437 West 50th Street, New York, N. Y. **President:** Herbert E. Hawkes, Columbia College, New York, N. Y. **Secretary:** John A. Lester, Doylestown, Pa. Term of President, elected for six years, expires 1942; of Secretary, elected for one year, 1942.

History: Founded 1926; incorporated 1931.

Object: The improvement of education through the more accurate measurement of its results.

Membership: Independent schools, 322; Public schools, 18; Colleges, 19; Miscellaneous, 3. Entrance fee \$15. List of members available.

Meetings: Annual, in New York City.

Library: A library on educational measurement is maintained.

Publications: Bulletins.

544. Edward L. Trudeau Foundation. Saranac Lake, N. Y. **Director:** Leroy U. Gardner. **Secretary:** Roy Dayton.

History: The Foundation is a subsidiary of the Trudeau Sanatorium and was organized as a memorial to the late Edward Livingston Trudeau in 1918.

Object: Research and teaching concerning tuberculosis.

Meetings: Quarterly meetings of the Board of Trustees.

Library: Two libraries are maintained: the Medical Library at Trudeau, N. Y., and the Saranac Laboratory Library at Saranac Lake, N. Y. There are approximately 12,000 volumes in both libraries on science and medicine, chiefly as concerned with tuberculosis.

Research funds, medals, etc.: From an endowment of \$540,000 there is approximately \$27,000 available annually for research work on the bacteriology and pathology of tuberculosis, clinical and X-ray studies, and the relationship of dust in industry to tuberculosis. Three laboratories are maintained: the Trudeau Research and Clinical Laboratory, the Trudeau X-ray Laboratory, and the Saranac Laboratory. Regular courses of instruction for physicians and others in the most advanced knowledge of tuberculosis are offered at the Trudeau School of Tuberculosis. Fellowships offer young physicians and others the opportunities for research work while undergoing treatment for tuberculosis.

Publications: Annual Studies of the Trudeau Foundation, 1-24, 1917-1940, free to scientific exchanges. Annual Report.

Electrical Standards Committee. See United States National Committee of the International Electrotechnical Commission.

545. Electrochemical Society, Inc. **President:** Raymond R. Ridgway, Norton Company, Chippawa, Ontario, Canada. **Secretary:** Colin G. Fink, 3000 Broadway, New York, N. Y. Term of President, elected for one year, expires April, 1942.

History: Founded April 3, 1902, as the American Electrochemical Society; incorporated 1930 under the present title. **Sections:** Philadelphia, New York, Niagara Falls, San Francisco, Chicago, Michigan (Detroit), Cleveland, Pittsburgh, and St. Louis.

Object: The advancement of the theory and practice of electrochemistry, electrometallurgy, electrothermics, and allied subjects.

Membership: Entrance fee \$5; annual dues \$10. Total membership, about 1,300.

Meetings: Semiannual; the annual business meeting, the last Thursday, Friday, and Saturday in April; the second meeting, the last Thursday, Friday, and Saturday in September.

Research funds, medals, etc.: EDWARD GOODRICH ACHESON MEDAL AND PRIZE OF \$1,000, founded by Dr. Acheson in August, 1928, awarded once every two years to the person who shall have made a distinguished contribution to the advancement of any of the objects, purposes, or activities of the Society, without distinction on account of sex, citizenship, race, or residence. ELECTROCHEMICAL SOCIETY PRIZE TO YOUNG AUTHORS, \$100 awarded annually to the author of the best paper printed in the two volumes of any year of the Transactions of the Society, open to students and graduates under twenty-seven years of age, at any technical school, college, or university. ROEBER RESEARCH FUND, established in September, 1933, in honor of Dr. E. F. Roebber, the annual interest of which is to assist university students (age limit twenty-eight years) requiring special apparatus or supplies for their electrochemical research. EDWARD WESTON FELLOWSHIP IN ELECTROCHEMISTRY, established by Dr. Weston in December, 1928, awards approximately \$1,000 annually (March 1) to a graduate student in electrochemistry, without distinction on account of sex, citizenship, race, or residence.

Publications: Bulletin, monthly, 1- , 1904- . Transactions, semiannual, 1- , 1902- , price \$1.50 to members; \$4 to libraries; \$6.50 to others. Advance copies of all papers to be read at the meetings are distributed to members.

526. Elisha Mitchell Scientific Society. University of North Carolina, Chapel Hill, N. C. **President:** A. E. Ruark, 512 East Rosemary Street, Chapel Hill, N. C. **Secretary:** E. T. Browne, 730 East Franklin Street, Chapel Hill, N. C. Term of President, elected for one year, expires June, 1942; of Secretary, elected for five years, 1944.

History: Organized 1883. **Reference:** The Elisha Mitchell Scientific Society—Its History and Achievements, Journal of the Elisha Mitchell Scientific Society, 50: 1-13, 1934.

Object: To cultivate an interest in natural history and general scientific subjects; to encourage individual workers in science; and to increase knowledge of the State of North Carolina and of its resources.

Membership: Regular members, members of the faculty of the University of North Carolina; Associate, senior or graduate students in

the University of North Carolina; annual dues \$1. Total membership 133.

Meetings: The second Tuesday in each month, at Chapel Hill.

Library: 10,000 volumes on general scientific subjects.

Publications: Journal of the Elisha Mitchell Scientific Society, semiannual, 1-57, 1883-1941, price \$3, free to members.

527. Empire State Forest Products Association. 1103 State Bank Building, Albany, N. Y. **President:** A. Augustus Low, 4 Irving Place, New York, N. Y. **Secretary:** A. B. Recknagel. Terms expire December 31, 1942.

History: Organized 1906 as the Adirondack Lumber Manufacturers and Shippers; name changed 1909 to present title.

Object: To promote the interests of the members; to protect, perpetuate, and increase the forest growth of the State; and to cooperate with others interested in like objects.

Membership: Sustaining members, initiation fee \$10, annual dues \$50; Associate, \$5, \$15; Affiliated, \$5, \$5. Total membership 54.

Meetings: Annual, in New York City.

Library: 180 volumes on forestry and lumbering.

Publications: Bulletin, 1-59, 1917-1941, free to members.

528. Engineering Association of Nashville. 426 Sixth Avenue, North, Nashville, Tenn. **President:** G. O. Prados, Bennie Dillon Building, Nashville, Tenn. **Executive Secretary:** Vi Engler. Term of President, elected for one year, expires January 1, 1943; Secretary appointed by Board of Directors.

History: Organized December 16, 1916, as the successor to the Engineering Association of the South, which was organized in 1889 and disbanded in 1916.

Object: The professional improvement of its members, the advancement of engineering and scientific knowledge and practice, the maintenance of a high professional standard among engineers, and the participation in public affairs requiring engineering knowledge without entering into partisan or personal politics.

Membership: Members, annual dues \$6; Associate, \$6; Junior, \$2; Student, \$1; Honorary. Non-resident members pay one half of the regular dues. List of members available.

Meetings: Weekly, at the Chamber of Commerce.

Publications: Weekly Bulletin, free to members. Yearbook, issued approximately every 5 years, with annual corrections.

529. Engineering Foundation. A department of United Engineering Trustees, Inc. 29 West

39th Street, New York, N. Y. *Director:* Edwin H. Colpitts. *Secretary:* John H. R. Arms. Officers elected for one year; terms expire October 1, 1942.

History: Based on a suggestion and gift of Ambrose Swazey, Cleveland, Ohio, in 1904, the Foundation was organized by the national societies of civil, mining, mechanical, and electrical engineers as a department of the United Engineering Trustees, Inc., which owns and manages the principal of the endowment; the Foundation board has discretion in the use of the income.

Object: The furtherance of research in science and engineering, and the advancement in any other manner of the profession of engineering and the good of mankind.

Membership: Sixteen members, all elected by United Engineering Trustees, Inc.: eight nominees of the Founder Societies; four Trustees of United Engineering Trustees, Inc.; three members-at-large; and the President of United Engineering Trustees, Inc., *ex officio*.

Meetings: Three times a year, in New York City.

Publications: Annual Report, free upon requests from libraries, technical societies, etc.

530. Engineering Societies of New England, Inc. 715 Tremont Temple, Boston, Mass. *President:* Leon F. Jackson, 441 Stuart Street, Boston, Mass. *Secretary:* James Holt, 1062 Massachusetts Avenue, Lexington, Mass. Officers elected for one year; terms expire June, 1942.

History: Organized June 19, 1922, as Affiliated Technical Societies of Boston; name changed June 11, 1929, to Engineering Societies of Boston; changed again June 6, 1934, to present title. *Affiliated Societies:* Boston Society of Civil Engineers, Plant Engineers Club, Massachusetts State Engineers Association, Inc., Municipal Technical Engineers Association of Boston; the Boston sections of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Welding Society, American Society of Refrigerating Engineers, Institute of Radio Engineers; American Society of Civil Engineers, Northeastern Section; American Society of Heating and Ventilating Engineers, Massachusetts Chapter; Illuminating Engineering Society, New England Section; American Institute of Electrical Engineers, Lynn Section. *Allied Organizations:* Engineering Society of Western Massachusetts, Hartford Engineers Club, Maine Association of Engineers, Providence Engineering Society, Vermont Society of Engineers, Worcester Engineering Society, and the Pittsfield Section, American Institute of Electrical Engineers. *Reference:* Blue Book of the Engineering Societies of New England.

Object: To bring the technical societies in New England and their members into closer touch with one another for more effective public service, and for the advancement of scientific investigation, education, and research.

Membership: Members, those certified by the affiliated societies, annual dues, not to exceed \$3, are paid by the affiliated societies; Sustaining members, \$25; Professional associate members, \$3; Non-professional associate members, \$3.

Meetings: Five Council meetings a year; monthly meetings sponsored by the affiliated societies.

Publications: Journal, weekly, September 15 to June 1, 1-9, 1932-1941, price 75 cents to non-members, 40 cents to members. Blue Book of the Engineering Societies of New England, biennial, price \$1.

531. Engineering Society of Buffalo. Office 15, Hotel Statler, Buffalo, N. Y. *President:* Robert K. McKeegan, Sullivan-McKeegan Company, Inc., 17 Swan Street, Buffalo, N. Y. *Secretary:* Kenneth K. Koontz, Iroquois Gas Corporation, 37 Church Street, Buffalo, N. Y. Terms expire April, 1942.

History: Organized December 20, 1912; incorporated October 13, 1920.

Object: The advancement of engineering knowledge and practice, the professional improvement of its members by means of meetings for the reading and discussion of appropriate papers, and the dissemination in suitable manner of facts and information brought to light through its deliberations.

Membership: Regular members, annual dues \$10; Junior, \$5; Student, \$1. Total membership 350.

Meetings: Irregular, at the Hotel Statler.

Publications: Bulletin, monthly, 1- , 1921- .

532. Engineering Society of Detroit. Horace H. Rackham Educational Memorial, Detroit, Mich. *President:* Harvey M. Merker, Parke Davis and Company, Detroit, Mich. *Managing Secretary:* E. L. Brandt, 272 Hotel Statler, Detroit, Mich. Officers elected for one year; terms expire June 30, 1942.

History: Incorporated April 15, 1936.

Object: To aid the public to solve civic questions involving engineering problems; to encourage research in the investigation of engineering questions of public interest; and to provide, in its headquarters, library service, lectures, publications, and instructions on subjects tending to increase the technical skill and social usefulness of the members.

Membership: Any firm, person, or organization connected with or interested in engineering, architecture, chemistry, or allied arts and sciences may be eligible for admission. Regular

members, entrance fee \$10, annual dues \$6; Junior, under 25 years of age, \$5, \$4; Honorary; Sustaining, \$100 annually; Affiliate Society members, by mutual agreement with the Board of Directors. Total membership 2,408.

Meetings: Monthly.

Library: A library service is maintained, including a catalog of periodicals available in the city, bibliographic service, and general information.

Research funds, medals, etc.: RACKHAM ENGINEERING FOUNDATION was incorporated June, 1936, with the title to the \$500,000 endowment created by the Horace H. Rackham and Mary A. Rackham Fund for the benefit of the engineering professions and allied arts and sciences in the Detroit area, and for the assistance of the public in meeting engineering problems. Under the plan adopted, the net income from the endowment will be paid to the Engineering Society of Detroit. The Foundation will have a discretionary right to permit a portion of the endowment to be used to provide permanent headquarters for the Society, and power to assign a portion of the income, not exceeding 25 percent a year, to pay expenses of studying, investigating, and exploring the practicability or wisdom of any proposed, contemplated, or partially constructed public project in Detroit or vicinity involving engineering skill, judgment, or knowledge.

Publications: Foundation, monthly, 1- , October, 1936- , free to members. Yearbook.

533. Engineering Society of Western Massachusetts. P. O. Box 149, Springfield, Mass. *President:* John W. Gale, Central Massachusetts Electric Company, Palmer, Mass. *Secretary:* Donald A. Bartlett, 19 Trinity Terrace, Springfield, Mass. Officers elected for one year; terms expire April 30, 1942.

History: Organized April 16, 1919.

Object: The professional improvement of members, and the advancement of the arts and sciences connected with the various branches of engineering.

Membership: Members, Junior members, Associate members, and Life members. Entrance fee \$5; annual dues \$5. Total membership 210.

Meetings: Nine meetings during the year, at the Highland Hotel.

Publications: Year Book, free to members.

534. Engineering Society of Wisconsin. 3515 West Clybourn Street, Milwaukee, Wis. *President:* Bruno J. Hartman, 608 North Eighth Street, Sheboygan, Wis. *Secretary:* C. A. Wiekking. Term of President, elected for one year, expires March 31, 1942; of Secretary, indefinite.

History: Organized February 26, 1909, at Madison, Wis.

Object: The advancement of engineering practice and the professional welfare of its members.

Membership: Members and Honorary members, required to be engaged in engineering work. Entrance fee \$4, includes first year's dues; annual dues \$4. Total membership 345. List of members available for \$1.

Meetings: Annual, in February or March, at Madison or Milwaukee.

Publications: Badger State Engineer, monthly, 1- , October, 1941- , free to members. The Society formerly published an annual bulletin jointly with the Iowa and Illinois societies.

535. Engineering Society of York, Pennsylvania.

24-26 South Beaver Street, York, Pa. *President:* Henry K. Owen, 20 North Harlan Street, York, Pa. *Secretary:* L. W. Kauffman, Route 2, York, Pa. Officers elected for one year; terms expire April, 1942.

History: Organized 1910.

Object: To promote social and professional intercourse among its members, to advance engineering knowledge and practice, and to maintain a high standard of professional procedure in all respects.

Membership: Corporate, Associate, and Non-resident members. Entrance fee \$5, annual dues \$12. Total membership 191.

Meetings: Monthly.

Library: 600 volumes.

Publications: York Engineer, monthly, except May, June, July, and August, free to members.

536. Engineers and Architects Club of Louisville.

402-3 Norton Building, Louisville, Ky. *President:* B. E. Payne, Louisville Water Company, Louisville, Ky. *Secretary:* George W. Hubley. Officers elected for one year; terms expire January, 1943.

History: Organized 1891.

Object: Professional improvement, the encouragement of social intercourse among engineers and architects, and the advancement of these professions in all their branches.

Membership: Active, Associate, Junior, Student, Non-resident, and Honorary members. Entrance fee \$5. Total membership 175.

Meetings: Monthly, in the club rooms.

Library: 1,400 volumes on civil, electrical, and mechanical engineering.

537. Engineers Club. 9th Floor, Arctic Building, Third and Cherry Streets, Seattle, Wash.

President: George S. Brett, 32 West Connecticut Street, Seattle, Wash. *Secretary:*

Fairman B. Lee. Officers elected for one year; terms expire January, 1943.

History: Organized January 13, 1912; incorporated January, 1915.

Object: The advancement of the engineering profession.

Membership: Those interested or connected with the engineering profession. Life, Honorary, Resident, Non-resident, Military members. Entrance fee \$10, annual dues \$24.

Meetings: Every Thursday at noon, in the club rooms; monthly dinner meeting.

Library: 750 volumes on technical subjects. Depository of the American Society of Mechanical Engineers and the American Society of Civil Engineers.

538. Engineers Club of Baltimore, Inc. 6 West Fayette Street, Baltimore, Md. *President:* Leon Small, Municipal Building, Baltimore, Md. *Secretary:* P. M. Reese. Term of President expires June 1, 1942; of Secretary, indefinite.

History: Organized and incorporated 1905.

Object: The promotion and advancement of the arts and sciences connected with engineering.

Membership: Members, Students, Associates, Federals, Juniors, and Non-residents. Entrance fee \$10; annual dues \$18. Total membership 630.

Meetings: Weekly luncheon meetings, at the club.

Library: 2,800 volumes on technical and scientific subjects.

Publications: Baltimore Engineer, monthly, 1914-1941, free to members.

539. Engineers' Club of Birmingham. P. O. Box 292, Birmingham, Ala. *President:* W. A. Currie, 27 South 20th Street, Birmingham, Ala. *Secretary:* E. D. Scott, 2100 North First Avenue, Birmingham, Ala. Officers elected for one year; terms expire June 30, 1942.

History: Organized May 30, 1929.

Object: The professional improvement of its members, the encouragement of social intercourse among them, the advancement of engineering and scientific knowledge and practice, the maintenance of a high professional standard among engineers, and the participation in public affairs requiring engineering knowledge, but without entering into partisan or personal politics.

Membership: Professional engineers, or persons who by scientific or technical training or by practical experience are qualified to cooperate in the advancement of engineering. Annual dues \$3. Total membership 440.

Meetings: Monthly, at Birmingham.

540. Engineers' Club of Cincinnati. 27-33 West Ninth Street, Cincinnati, Ohio. *President:* Kurt Siems, 3319 North Sterling Way, Cincinnati, Ohio. *Secretary:* E. A. Gast, 3157 Victoria Boulevard, Cincinnati, Ohio. Term of President, elected for one year, expires July 1, 1942; Secretary appointed annually.

History: Organized 1888.

Object: The professional improvement of its members, the encouragement of professional fellowship among engineers, and the advancement of engineering in all of its branches.

Membership: Active, Associate, Junior, Life, and Honorary members. Entrance fee \$5; annual dues from \$5 to \$12. Total membership 500.

Meetings: The third Thursday of each month except July and August.

Library: 1,500 volumes on engineering.

Research funds, medals, etc.: Two two-year scholarship memberships.

Publications: Cincinnati Engineer and Scientist, weekly, 1-5, free to members. Yearbook.

541. Engineers' Club of Dayton. 110 East Monument Avenue, Dayton, Ohio. *President:* Charles W. Green. *Manager:* Walter C. Pfanner. Term of President, elected for one year, expires June, 1942.

History: Organized February, 1914.

Object: The professional improvement of its members, the encouragement of social intercourse among them, and the advancement of engineering.

Membership: By invitation only. Active and Associate members, entrance fee \$25, annual dues \$40; Affiliated members \$25, \$60; Academic, and Army and Navy, \$10, \$24; Junior, \$16, \$35; Non-resident, annual dues \$10; Honorary. Total membership 1,000.

Meetings: The first Tuesday and the third Friday evenings each month; the second Monday at noon.

Library: 10,000 volumes on science and technology.

542. Engineers Club of Des Moines. *President:* M. K. Tenny, 677 Sixteenth Street, Des Moines, Iowa. *Secretary:* Monroe L. Patzig, 2215 Ingersoll Avenue, Des Moines, Iowa. Officers elected for one year; terms expire January, 1943.

History: Organized 1905 as the Des Moines Engineers Club; name changed 1918 to present title.

Object: The advancement of engineering and of fellowship among engineers.

Membership: Entrance fee \$5; annual dues

\$5. Total membership 110. List of members available.

Meetings: Monthly.

543. Engineers Club of Hampton Roads. P. O. Box 946, Norfolk, Va. *President:* Herbert Wall, 106 Afton Parkway, Portsmouth, Va. *Secretary:* Paul F. Swasey, Virginia Electric and Power Company, Norfolk, Va. Officers elected for one year; terms expire January, 1943.

History: Organized 1921.

Object: To establish a forum for exchange of engineering knowledge and social intercourse; to unify and coordinate activities of various national and local societies located in the Hampton Roads district; to assist local civic organizations, etc., as advisers in engineering matters; and to publish or otherwise disseminate suggestions for the improvement of the business, industrial, transportation, recreational, or other facilities of this section, in so far as matters of engineering enter into these improvements.

Membership: Members and Associate members. Entrance fee \$6; annual dues \$6. List of members published.

Meetings: Monthly.

544. Engineers Club of Kansas City. *President:* Samuel M. DeCamp, General Electric Company, Kansas City, Mo. *Secretary:* Ted M. Parks, Burns and McDonnell Consulting Engineers, Kansas City, Mo. Officers elected for one year; terms expire December, 1942.

History: Organized 1911.

Object: The advancement of the engineering profession and its civic usefulness.

Membership: Members and Associate members; annual dues \$6. Must be eligible for membership in any of the national engineering societies. Total membership 300.

Meetings: The first and third Mondays of each month at the President Hotel, Kansas City, Mo.

545. Engineers' Club of Minneapolis. 4500 Reservoir Boulevard, Minneapolis, Minn. *President:* G. C. Priester, 814 Fulton Street, S. E., Minneapolis, Minn. *Secretary:* Arthur F. Mellen. Officers elected for one year; terms expire May, 1942.

History: Founded 1883 as the Engineers Club of Minnesota; reorganized 1883 as the Minneapolis Society of Civil Engineers; name changed 1890 to present title.

Object: To promote the advancement of the arts and sciences connected with engineering; to assist in the solution of public questions involving engineering and allied sciences; and to stimulate a greater interest among engineers in the welfare of the community, state, and nation.

Membership: Resident members, living within 25 miles of the City Hall of the City of Minneapolis; Non-resident, living more than 25 miles from the City Hall of the City of Minneapolis; Life, one who has been in the membership for a total period of 25 years. Entrance fee \$4, annual dues \$5. Total membership 765.

Meetings: Monthly, the third Monday, except June, July, and August. Annual meeting, the third Monday in May.

Publications: Annual Roster.

546. Engineers Club of Omaha. *President:* C. S. Roadhouse, Electric Building, 17th and Harney Streets, Omaha, Nebr. *Secretary:* B. Manchester, Utilities Building, 18th and Harney Streets, Omaha, Nebr. Officers elected for one year; terms expire December, 1941.

History: Founded 1922.

Object: To promote fellowship among engineers in Omaha and vicinity.

Membership: Must be engaged or have been engaged in engineering work. Annual dues \$3. Total membership 280.

Meetings: Weekly, except during the summer months.

547. Engineers Club of Philadelphia. 1317 Spruce Street, Philadelphia, Pa. *President:* C. R. Freehafer, 1835 Arch Street, Philadelphia, Pa. *Secretary:* Henry S. Harris. Officers elected for one year; terms expire April 30, 1942.

History: Organized December 17, 1877.

Object: To promote the arts and sciences connected with engineering.

Membership: Must be professional engineers or engaged in engineering work. Active members, annual dues \$50 resident, \$15 non-resident; Junior, \$15, \$5; Army-Navy, \$15 resident. Total membership 980. List of members available for \$1.

Meetings: Monthly.

Research funds, medals, etc.: CHARLES E. BILLIN AWARD, prizes of \$25, \$15, and \$10, to be awarded to Junior members, for papers on engineering subjects of their own choice.

Publications: Announcer, monthly, price \$1, free to members.

548. Engineers' Club of Plainfield. City Hall, Plainfield, N. J. *President:* Edward Van Winkle, 501 New Market Road, Dunellen, N. J. *Secretary:* A. W. Drake, 1025 Park Avenue, Plainfield, N. J. Officers elected for one year; terms expire 1942.

History: Organized 1917 as the Plainfield Executives Club to serve during the war

emergency; name changed to present title in 1924.

Object: To advance engineering and serve in civilian defense.

Membership: Total membership 110. List of members available.

Meetings: Four or five meetings are held each year.

549. Engineers Club of St. Louis. 4359 Lindell Boulevard, St. Louis, Mo. *President:* John W. Cooper, 1598 Arcade Building, St. Louis, Mo. *Secretary:* C. W. S. Sammelman. Term of President expires June, 1942.

History: Organized November 4, 1868; incorporated May 12, 1869.

Object: The professional improvement of members; the advancement of engineering and the enhancement of the engineering profession in the opinion of the general public; and in a dignified manner the influencing of the solution of public questions involving engineering and scientific consideration.

Membership: Members, initiation fee \$25, annual dues \$20; Associates, \$25, \$20; Juniors, \$10, \$10. Non-resident: Members, annual dues \$10; Associates, \$10; Juniors, \$5. Total membership 900.

Meetings: Weekly.

Publications: Journal of the Engineers Club of St. Louis, monthly. Yearbook.

550. Engineers' Club of San Francisco. 206 Sansome Street, San Francisco, Calif. *President:* L. A. Elsener, 416 Rialto Building, San Francisco, Calif. *Secretary:* Russell P. Hastings, 3525 Pacific Avenue, San Francisco, Calif. Officers elected for one year; terms expire December, 1942. *Director:* J. Marshall Evans, 225 Bush Street, San Francisco, Calif.

History: Organized June 25, 1912; incorporated October 31, 1912.

Object: To provide an organization in which the engineers of all branches of the profession may come together, and through which they may cooperate and may foster the development of the engineering profession as a whole in California.

Membership: Resident members, entrance fee \$15, annual dues \$60; Non-resident, \$10, \$10; Junior, \$10, \$24. Total membership 683.

Meetings: Annual, at Club headquarters.

Library: A library of books and periodicals on engineering subjects is maintained.

Publications: Roster, irregular.

551. Engineers Club of the Lehigh Valley. Bethlehem, Pa. *President:* J. R. Fairhurst, Phillipsburg, N. J. *Secretary:* Charles Merrick, Lafayette College, Easton, Pa. Officers elected for one year; terms expire May, 1942.

History: Organized February 24, 1921.

Object: To further the cooperation of engineers and scientists in technical and scientific matters, and in service to the community, state, and nation.

Membership: Annual dues \$2. Total membership about 1,400. List of members available.

Meetings: Six meetings a year.

Research funds, medals, etc.: STUDENT LOAN FUND, to assist a student in one of the engineering colleges of the Lehigh Valley, value about \$200 annually, as a loan of indefinite maturity.

Publications: Bulletin, monthly, 1- , 1921- , free to members. Yearbook.

552. Engineers Club of Trenton. Stacy Trent Hotel, Trenton, N. J. *President:* Norman C. Small, 209 Kensington Avenue, Trenton, N. J. *Secretary:* Fred C. Claus, 933 Bellevue Avenue, Trenton, N. J. Officers elected for one year; terms expire June 1, 1942.

History: Organized January 20, 1914.

Object: To promote social and professional intercourse among engineers.

Membership: Corporate members, entrance fee \$10, annual dues \$10; Associate, \$10, \$8; Affiliate, \$10, \$10. Total membership 485.

Meetings: Two meetings a month, at the Stacy Trent Hotel.

Research, funds, medals, etc.: Three scholarships in a local engineering school are awarded.

Publications: Engineer, monthly, 1-26, 1914-1941, free to members. Constitution, Roster of Members, and General Information issued to members only.

553. Engineers Club of Tulsa. 211 Midco Building, Tulsa, Okla. *President:* H. R. Auerswald, Gulf Oil Company, Tulsa, Okla. *Secretary:* William J. Overton. Term of President expires June 1, 1942; Secretary employed for an indefinite period.

History: Organized May 24, 1935.

Object: To unify those who are interested in engineering and the application of engineering principles, to furnish a wider social and professional opportunity to advance engineering in its several branches, to enhance engineering activity in the opinion of the general public, and in an effective manner to influence the solution of public questions involving scientific and engineering consideration.

Membership: Members, entrance fee \$5, annual dues assessed each year, not to exceed \$15 for resident members and \$8 for non-resident members; Associate members, \$5, \$15 resident, \$8 non-resident; Junior members, \$5, \$8 resident, \$4 non-resident; Student members, \$1, \$1. List of members available.

Meetings: Weekly.

Library: One hundred volumes on technical subjects.

Research funds, medals, etc.: Medals and prizes are occasionally awarded.

Publications: Tulsa Engineer, monthly, 1-36, 1938-1941, free. Yearbook, free.

554. Engineers Club of Western North Carolina.

President: Fred V. Douth, 12 Thompson Avenue, Canton, N. C. *Secretary:* John P. Dosier, 15 Mildred Avenue, Asheville, N. C. Officers elected for one year; terms expire June, 1942.

History: Organized May, 1938.

Object: To maintain and elevate the professional ethics and standards of the engineering profession, to promote social intercourse among its members and those of the various engineering groups, and to stimulate and encourage young engineers.

Membership: Entrance fee \$5; annual dues \$3. Total membership 75.

Meetings: Monthly, in Asheville.

555. Engineers' Council for Professional Development.

Room 1401, 29 West 39th Street, New York, N. Y. *Chairman:* R. E. Doherty, Carnegie Institute of Technology, Pittsburgh, Pa. *Secretary:* George T. Seabury. Officers elected for one year; terms expire October, 1942.

History: Organized October 3, 1932. *Committees:* Student Selection and Guidance, Engineering Schools, Professional Training, Professional Recognition, Principles of Engineering Ethics.

Object: A conference of engineering bodies organized to enhance the professional status of the engineer through the cooperative support of those national organizations directly representing the professional, technical, educational, and legislative phases of an engineer's life.

Membership: The following societies participate in the organization: American Society of Civil Engineers, American Institute of Mining and Metallurgical Engineers, American Society of Mechanical Engineers, American Institute of Electrical Engineers, American Institute of Chemical Engineers, Society for the Promotion of Engineering Education, National Council of State Boards of Engineering Examiners, and the Engineering Institute of Canada. No annual dues; voluntary financial support from all collaborating bodies and some foundation grants.

Meetings: Annual, usually at headquarters.

Library: A small reference library is maintained.

Publications: Accredited Undergraduate Engineering Curricula, annual, price 25 cents. Annual Report, price 25 cents.

556. Engineers' Society of Milwaukee.

2766 North Downer Avenue, Milwaukee, Wis. *President:* John D. Ball, Mount Mary College, Milwaukee, Wis. *Secretary:* Walter R. Mueller. Officers elected for one year; terms expire October, 1942.

History: Organized 1904; incorporated December 8, 1905.

Object: The advancement of the arts and sciences connected with engineering by the reading and discussion of papers, by participation in matters of interest to the engineering profession, by action relative to engineering matters affecting public welfare, and by closer union and cooperation among members through professional and social contacts.

Membership: Members and Non-resident members. Annual dues \$3, \$5, and \$10, according to age; \$3 foreign. Total membership 260.

Meetings: Monthly, except July and August.

Library: The library committee cooperates with the science department of the Milwaukee Public Library in regard to appropriations and selection of books and periodicals.

Research funds, medals, etc.: The Society administers the E. R. STOCKLE SCHOLARSHIP.

Publications: Milwaukee Engineering, monthly, except July and August, 1-20, 1920-1941, price \$1, free to members and to members of the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, the American Society of Civil Engineers, and the American Society of Refrigerating Engineers.

557. Engineers' Society of St. Paul.

819 Guardian Building, St. Paul, Minn. *President:* L. F. Pinska, 216 Court House, St. Paul, Minn. *Secretary:* C. W. Britzius, 2482 University Avenue, St. Paul, Minn. Officers elected for one year; terms expire January, 1943. *Executive Secretary:* K. A. Feucht.

History: Organized 1883 as the Civil Engineers Society; name changed in 1918 to present title.

Object: The professional improvement of members and the encouragement of social intercourse among them, the advancement of the arts and sciences connected with engineering, the enhancement of the profession in the minds of the public, and assistance in the solution of public questions involving engineering consideration.

Membership: Members; and Senior, Associate, Junior, and Honorary members. Annual dues \$6. Total membership 178. List of members available for 25 cents.

Meetings: Monthly, at various places.

Publications: Official news and notices are printed in the Bulletin of the Minnesota Federation of Architectural and Engineering Societies.

558. Engineers Society of Western Pennsylvania. William Penn Hotel, Pittsburgh, Pa. *President:* John Bruce Carlock, Southside Works, Jones and Laughlin Steel Corporation, Pittsburgh, Pa. *Secretary:* K. F. Treschow. Term of President, elected for one year, expires January, 1943.

History: Incorporated 1880. *Sections:* Civil, Mineral Industries, Mechanical, Electrical, Steel Works, Illuminating, Oil and Gas, General Industrial, and a Junior Section.

Object: The presentation of technical papers.

Membership: Entrance fee \$10, annual dues \$20; non-resident \$10. Total membership, about 1,500. List of members published annually.

Meetings: The general society meets monthly; sections, bimonthly, at the William Penn Hotel.

Research funds, medals, etc.: Gold or Silver Medal, awarded to the person presenting the best paper, governed by the value of the paper to the engineering profession and originality of subject-matter and treatment.

Publications: Proceedings, quarterly, 1- , 1880- , price \$5, included in dues for members, and on exchange with other magazines.

559. Entomological Society of America. *President:* C. P. Alexander, Massachusetts State College, Amherst, Mass. *Secretary:* Clarence E. Mickel, University Farm, St. Paul, Minn. Officers elected for one year; terms expire December, 1942.

History: Organized December, 1906, in New York City, and affiliated with the American Association for the Advancement of Science, then in session. *Reference:* Fragments of Entomological History, by Herbert Osborn, 1937, pages 128-129.

Object: To promote the science of entomology in all its branches, to secure cooperation in measures tending to that end, and to facilitate personal intercourse between entomologists.

Membership: Active members, Fellows, and Life and Honorary members. Annual dues \$4. Total membership 970. List of members available for \$1.

Meetings: Annual.

Publications: Annals, quarterly, 1-34, 1908-1941, price \$5, free to members.

560. Entomological Society of Washington. *President:* E. N. Cory, Agricultural Experiment Station, College Park, Md. *Corresponding Secretary:* F. M. Wadley, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, Washington, D. C. Officers elected for one year; terms expire 1942.

History: Organized February 29, 1884.

Object: To promote the study of entomology.

Membership: Members, persons over eighteen who have an interest in the science of entomology, entrance fee \$1, annual dues \$3; Life, any member of the Society for five years, paying \$40; Sustaining, any member paying \$100; Honorary members, selected from foreign entomologists. Total membership 247.

Meetings: The first Thursday evening of each month, except July, August, and September, at the U. S. National Museum.

Publications: Proceedings, monthly, except July, August, and September, 1-43, 1884-1941, price, domestic \$4, foreign \$4.25, free to members. Memoirs, irregular, 1- , 1939- , separately priced.

561. Eta Kappa Nu Association. P. O. Drawer C, Dillsburg, Pa. *President:* F. X. Burke, 2436 Sherman Avenue, Evanston, Ill. *Secretary:* Alton B. Zerby. Term of President, elected for one year, expires June 30, 1942; of Secretary, elected for three years, June 30, 1943.

History: Founded October 28, 1904.

Object: To foster closer cooperation among and mutual benefit to students and others in the profession, who by their attainments in college or in practice manifest exceptional interest and marked ability in electrical engineering.

Membership: Members, Eminent members, and Honorary members. Entrance fee, Juniors \$16.50, Seniors \$15, Professionals \$15. Total membership 8,000. List of members available for 50 cents.

Meetings: Annual, on the first Monday evening of the American Institute of Electrical Engineers' mid-year convention. Local chapter meetings once or twice a month.

Research funds, medals, etc.: Annual awards to the most outstanding young electrical engineer, and to the most active college chapter.

Publications: Bridge of Eta Kappa Nu, bimonthly, 1-37, 1904-1941, price \$1.50 per year, \$7.75 for eight years.

562. Evaporated Milk Association. 307 North Michigan Avenue, Chicago, Ill. *Executive Secretary:* Frank E. Rice.

History: Organized August 29, 1923.

Object: To institute and conduct research and educational work for the education of the public as to the character, quality, convenience, economy, and general value of evaporated milk; and to collect and disseminate such statistics and information as will further such purposes.

Membership: Manufacturers of evaporated milk. Dues fixed annually. List of members available.

Meetings: Annual, in Chicago.

Library: Volumes relating to nutrition, especially infant feeding, and dairy products.

Research funds, medals, etc.: Special appropriations are made for research on projects agreed upon with university laboratories, hospitals, and clinics.

563. Explorers Club. 10 West 72nd Street, New York, N. Y. *President:* Herbert J. Spinden, Brooklyn Museum, Brooklyn, N. Y. *Secretary:* Donald B. Upham, 52 West Eleventh Street, New York, N. Y. Officers elected for one year; terms expire January, 1942.

History: Organized 1904.

Object: To further general exploration, to spread the knowledge thereof, and to acquire and maintain a library of exploration and travel.

Membership: Active resident members: men who live or have a place of business within thirty miles of City Hall, New York City, who have engaged in exploration or who have added to the geographic or other related scientific knowledge of the world, 150, initiation fee \$10, annual dues \$25. Active non-resident: men, as above, who live or have a place of business at a greater distance than thirty miles from City Hall, New York City, 423, \$10, \$10. Associate resident: men, living within the required geographic limits, who have aided or encouraged the work of exploration, or who have taken an active interest therein, 49, limited to 75, \$25, \$60. Associate non-resident: men, as above, living without the required geographic limits, 38, \$25, \$35. Sustaining: classed as either Active or Associate, 2, annual dues \$100. Life: classed as either Active or Associate, 44, Active \$650, Associate \$1,000, no annual dues. Corresponding: men who are or have been meritoriously engaged in geographical research or allied fields of exploration, 9. Honorary: men who have rendered eminently distinguished services in the field of exploration, 20, limited to 20. Patron of Exploration: honorary title awarded for outstanding services to exploration, in general or particular, 1. List of members published occasionally.

Meetings: Annual business meeting on the third Tuesday in January; intermediate business meeting called by the Board of Directors each autumn. Regular meetings, in the form of smoker lectures for members and men guests, are held on the second and fourth Tuesdays of each month except during June, July, August, and September. Special meetings may be called by the President or a majority of the Board of Directors or upon the written request of not less than twenty-five members of the Club.

Library: More than 12,000 volumes covering exploration of all forms and places, both ancient and modern, in all languages; magazines, pamphlets, reviews, and maps.

Research funds, medals, etc.: EXPLORERS CLUB MEDAL, awarded occasionally, but not

more than once in any calendar year. The Club is sponsoring the compilation and publication of a Bibliography of Exploration, with the assistance of Works Progress Administration workers and funds.

Publications: Explorers Journal, quarterly, 1- , 1921- , free to members.

564. Federal Sewage Research Association. East Third and Kilgour Streets, Cincinnati, Ohio. *President:* R. W. Kehr. *Secretary:* Russell S. Smith. Officers elected for one year; terms expire December, 1942.

History: Organized February, 1930; affiliated with the Federation of Sewage Works Associations.

Object: To encourage the study of sewage problems by those in the Federal service interested in such problems; and to promote stream sanitation.

Membership: Active members, must be in Federal service or paid by Federal funds, annual dues \$3. Total membership 60. List of members available.

565. Federation of American Societies for Experimental Biology. *Chairman:* A. G. Hogan, Columbia, Mo. *Secretary:* D. R. Hooker, 19 West Chase Street, Baltimore, Md. Officers elected for one year; terms expire 1942.

History: Founded 1913. Composed of five societies: American Physiological Society, American Society of Biological Chemists, American Society of Pharmacology and Experimental Therapeutics, American Society of Experimental Pathology, and American Institute of Nutrition.

Membership: Members of the above five societies. Total membership, around 1,800. List of members published yearly, price \$2.

Meetings: Annual.

Publications: Yearbook, discontinued with 1941-42 issue. Federation Proceedings, quarterly, will be issued beginning March, 1942, price \$4 domestic, \$4.75 foreign, included in dues of members.

566. Federation of Paint and Varnish Production Clubs. 704 Weightman Building, 1524 Chestnut Street, Philadelphia, Pa. *President:* R. E. Prince, 1872 Clybourn Avenue, Chicago, Ill. *Secretary:* V. C. Bidlack. Officers elected for one year; terms expire October, 1942.

History: Organized in Cleveland, Ohio, in 1922.

Object: To interchange practical and technical information in order to eliminate wasteful methods in manufacture; to establish an Educational Fund for the specific purpose of encourag-

ing and fostering research work on the technical or scientific problems of the paint, varnish, and lacquer industry; to save consumers unnecessary expense; and to foster a spirit of cooperation among the members.

Membership: Active and Associate members, annual dues \$3; Subscribing members, \$5. Total membership 1,726. List of members available for \$1.25.

Meetings: Annual.

Research funds, medals, etc.: The American Paint Journal has offered two awards of \$50 and two awards of \$35 which will be made each year for the most constructive papers in connection with the investigation, manufacture, and application of the industry's products, or of the raw material entering into their fabrication. The National Paint Bulletin Award of \$25 is given to that secretary or member of a Paint and Varnish Production Club who furnishes to the Official Digest the most interesting report of discussions following the presentation of papers at meetings, or of roundtable discussions at club meetings. The Paint Industry Magazine has offered, and the Federation has accepted, three awards of \$25, \$15, and \$10 respectively to those individual members of local clubs presenting at the annual meeting in the best form and the best manner, the papers contributed by their clubs. The Federation is offering from its EDUCATIONAL FUND two prizes of \$150 each for the best papers on paint and varnish subjects.

Publications: Official Digest, monthly except July and August, nos. 1-209, 1922-1941, price \$5, free to members. Year Book, price \$1.25.

567. Federation of Sewage Works Associations.

President: Arthur S. Bedell, State Department of Health, Albany, N. Y. **Secretary:** W. H. Wisely, Urbana, Ill. Officers elected for one year, terms expire October, 1942.

History: Organized 1928; incorporated as a non-profit organization February, 1941. The following associations are affiliated: Arizona Sewage Works Association, California Sewage Works Association, Central States Sewage Works Association, Dakota Water and Sewage Works Conference, Federal Sewage Research Association, Florida Sewage Works Association, Georgia Water Works and Sewage Operators' Association, Iowa Wastes Disposal Association, Kansas Water and Sewage Works Association, Maryland-Delaware Water and Sewerage Association, Michigan Sewage Works Association, Missouri Water and Sewerage Conference, New England Sewage Works Association, New Jersey Sewage Conference, New York State Sewage Works Association, North Carolina Sewage Works Association, Ohio Sewage Works Conference, Oklahoma Water and Sewerage Conference, Pacific Northwest Sewage

Works Association, Pennsylvania Sewage Works Association, Rocky Mountain Sewage Works Association; Sanitary-Engineering Division of Argentine Society of Engineers; Sewage Division, Texas Section, Southwestern Water Works Association; the Canadian Institute on Sewage and Sanitation; the Institute of Sewage Purification, England; the Institution of Sanitary Engineers, England.

Object: The advancement of fundamental and practical knowledge concerning the nature, collection, treatment, and disposal of sewage and industrial wastes; the design, construction, operation, and management of treatment works; the study, promotion, and encouragement of improved sanitation of waterways; the correlation and strengthening of regional and state sewage works associations or conferences within or without the United States of America; the publication of a journal; and other relevant activities.

Membership: Member Associations, annual dues \$3 for each Active member in the Member Association; Corporate members, \$10; Sustaining members, \$25; Associate members, \$20, and Honorary members. Total membership 2,890. List of members available.

Meetings: Annual, in various places.

Publications: Sewage Works Journal, bimonthly, 1-13, 1928-1941, price \$3, free to members.

Fels Fund. See Samuel S. Fels Fund.

568. **Field Museum of Natural History.** Roosevelt Road and Lake Michigan, Chicago, Ill. **President:** Stanley Field. **Director:** Clifford C. Gregg.

History: Organized and incorporated September 16, 1893, as the Columbian Museum of Chicago; name changed to the Field Columbian Museum June, 1894, when the Museum was dedicated and opened to the general public; present name adopted November, 1905. **Reference:** Historical Series, vol. 1, no. 1.

Object: The accumulation and dissemination of knowledge, and the preservation and exhibition of objects illustrating the sciences of anthropology, botany, geology, and zoology.

Membership: Annual members, 1,369, \$10 annually; Sustaining members, 10, \$25 annually for six years when the member becomes an Associate; Associate members, 2,392, payment of \$100; Non-resident Associate members, 8, \$50; Life members, 247, \$500; Non-resident Life members, 12, \$100; Corporate members, 48; Contributors, 125, \$1,000 to \$100,000; Corresponding members, 7; Patrons, 27; Honorary members, 12; Benefactors, 23, \$100,000 or more. Board of Trustees, membership 21.

Meetings: Annual, the third Monday in January; regular meetings on the third Monday

of each month. Meetings are of the Trustees only, not of the Museum membership.

Library: About 120,000 volumes on the four scientific fields covered by the Museum.

Research funds, medals, etc.: Milward and Florence James Adams Endowment Fund; American Friends of China Fund; Edward E. Ayer Lecture Foundation Fund; Edward E. Ayer Library Fund; Miss Kate S. Buckingham Fund; Emily Crane Chadbourne Zoology Fund; William J. Chalmers Crystal Collection Fund; Marshall Field Building Fund; Marshall Field Endowment Fund; Marshall Field, III, Assignment Fund; N. W. Harris Public School Extension Fund; Huntington W. Jackson Library Fund; Arthur B. Jones Library Fund; James Nelson and Anna Louise Raymond Public School and Children's Lecture Fund; Contributors' Fund; Edith Almy Adams Fund; Group Insurance Fund; Pension Fund; Chauncy Keep, Yale University Chronicles of America; Chauncy Keep Memorial Hall Fund; Associate Membership Fund; Life Membership Fund; Stanley Field Special Fund; William V. Kelley Fund; Martin A. and Carrie Ryerson Fund; Mrs. Julius Rosenwald Fund. Laboratory maintained for scientific research and preparatory purposes.

Publications: Annual Report, Report Series, 1-12, 1895-1941. Anthropological Series, 1-32, 1895-1941. Botanical Series, 1-22, 1895-1941. Geological Series, 1-8, 1895-1941. Historical Series, 1, 1894-1895. Leaflet Series, 1922-1941. Memoirs, 1-6, 1925-1940. Technique Series, 1-6, 1925-1940. Zoological Series, 1-26, 1894-1941. Field Museum News, monthly bulletin, 1-12, 1930-1941.

569. Finney-Howell Research Foundation, Inc. 1211 Cathedral Street, Baltimore, Md. **President:** J. M. T. Finney, 2947 St. Paul Street, Baltimore, Md. **Secretary:** William A. Fisher, 715 Park Avenue, Baltimore, Md.

History: Founded under the will of the late Dr. George Walker of Baltimore in 1937.

Object: To further research into the causes and treatment of cancer.

Meetings: Annual, in February or March, at office of headquarters, for the purpose of awarding fellowships for cancer research.

Research funds, medals, etc.: Fellowships, stipend of \$2,000 a year, with the possibility of renewal up to three years.

570. Florida Academy of Sciences. Peabody Hall, University of Florida, Gainesville, Fla. **President:** R. F. Bellamy, Florida State College for Women, Tallahassee, Fla. **Secretary:** J. H. Kusner. Officers elected for one year; terms expire November, 1942.

History: Organized at Gainesville, Fla., on February 6, 1935; incorporated February 24,

1935. The inaugural meeting was held at Gainesville, May 8, 1936. **Sections:** Physical Sciences, Biological Sciences, Social Sciences.

Object: To promote scientific research, to stimulate interest in the sciences, to further the diffusion of scientific knowledge, to unify the scientific interests of the State, and to issue an annual scientific publication.

Membership: Members, annual dues \$2; Associate members, \$1. Total membership 364. List of members in Proceedings.

Meetings: Annual.

Research funds, medals, etc.: ACHIEVEMENT MEDAL, for an outstanding paper delivered at the annual meeting, a gift of the Phipps and Bird Company, Inc., of Richmond, Va. Research grant from American Association for the Advancement of Science, \$50.

Publications: Proceedings, 1-4, 1936-1939, price \$2.50 paper, \$3.50 cloth, free to members and on exchange.

571. Florida Engineering Society. Tallahassee, Florida. **President:** Alexander Blair, Lake Placid, Fla. **Secretary:** Herbert D. Mendenhall. Officers elected for one year; terms expire April, 1942.

History: Organized December, 1916. **Reference:** Yearbook, 1940.

Object: To promote acquaintance among engineers of the State, to work for a better understanding and appreciation of engineers and engineering by the general public, to furnish a medium through which the engineering profession may express itself on public affairs, to promote the general welfare of engineers, and to work for the advancement and dissemination of technical knowledge and the improvement of the standards of engineering practices.

Membership: Members, 236; Fellows, 31; and Associates, 29; entrance fee \$5, annual dues \$5. Junior members, 50, \$2.50, \$2.50; Student members, 86; Inactive members, 1; Honorary members, 1. Total membership 434. List of members available.

Meetings: Annual, at place selected by the Board.

Library: 779 volumes and additional manuscripts on engineering subjects.

Publications: Yearbook. News Notes, monthly, 1917-1941, free to members.

572. Florida Entomological Society. **President:** K. E. Bragdon, Box 202, Florala, Ala. **Secretary:** A. N. Tissot, Florida Agricultural Experiment Station, Gainesville, Fla. Officers elected for one year; terms expire December, 1942.

History: Organized at Gainesville in 1916. **Object:** The promotion of interest in entomology in Florida and the southern states.

Membership: Active, Associate, Honorary, and Life members. Entrance fee \$1; annual dues \$1. Total membership 140.

Meetings: Annual, at Gainesville.

Publications: Florida Entomologist, quarterly, 1-24, 1917-1941, price \$1, free to members.

573. Florida Medical Association, Inc. Box 1018, Jacksonville, Fla. **President:** Walter C. Jones. **Secretary-Treasurer:** Shaler Richardson. **Managing Director:** Stewart Thompson. Terms of President and Secretary-Treasurer expire May, 1942.

Object: To federate the entire medical profession of the State, to unite with similar associations with a view to the extension of medical knowledge and the advancement of medical science, to promote friendship and guard the material interests of physicians, to elevate the standard of medical education, to aid enactment and enforcement of just medical laws, and to enlighten and direct public opinion in regard to the problems of state medicine.

Membership: Open to members of component societies. Annual dues \$10. List of members published annually in the Florida Medical Directory.

Meetings: Annual, at place selected each year.

Publications: Journal, monthly, price \$3, free to members and on exchange with other state journals. Directory, annual, free to members and other physicians who register annually.

574. Florida State Horticultural Society. Davenport, Fla. **President:** H. C. Henrickson, Eustis, Fla. **Secretary:** Bayard F. Floyd. Officers elected for one year; terms expire 1942.

History: Organized April 12, 1888. **Sections:** The main organization, whose program is devoted to citrus; Krome Memorial Institute, sub-tropical fruits exclusive of citrus; Vegetable section.

Object: The advancement of horticulture in Florida.

Membership: Annual, Perennial, Sustaining, Life, Patron, and Honorary members. Annual dues \$2. Total membership about 1,000. List of members available for \$2.

Meetings: Annual, at place selected by the Society.

Publications: Proceedings, 1893-1941, price \$2, free to members.

575. Food Research Institute. Stanford University, Calif. **Director:** J. S. Davis.

History: Founded 1921 by the Carnegie Corporation of New York in conjunction with the Trustees of Leland Stanford Junior University.

Object: To promote economic, statistical, and other investigations on food production, distribution, and consumption.

Library: About 3,000 volumes on agriculture, nutrition, economics, international trade, etc.

Research funds, medals, etc.: Investigations carried on in offices of the University; \$75,000, partly provided by the Rockefeller Foundation, annually devoted to research, publications, and a small amount of supplementary teaching.

Publications: Wheat Studies, monthly for eight months, 1-17, 1924-1941, price \$6. Fats and Oils Studies, irregular, 1-7, 1928-1940. Miscellaneous Publications, irregular, 1-9, 1923-1939. Grain Economics Series, irregular, 1-3, 1932-1941.

576. Fort Wayne Engineers Club. Chamber of Commerce Building, Fort Wayne, Ind. **President:** Wayne Kehoe, 308 East Berry Street, Fort Wayne, Ind. **Secretary:** H. K. McKean, 1041 Tennessee Avenue, Fort Wayne, Ind. Officers elected for one year; terms expire May 21, 1942.

History: Organized January 28, 1937. Affiliated with the local branches of the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, the International Society of Petroleum Engineers, and with the Fort Wayne Chemists Club.

Object: To provide a common meeting point for all engineers.

Membership: Members and Associate members. Entrance fee \$3, annual dues \$3. Total membership 294. List of members available.

Meetings: Monthly, at the Chamber of Commerce Building.

Publications: Engineers' News, monthly, 1938-1941, free to members.

577. Fort Worth Geological Society. Fort Worth, Tex. **President:** P. C. Dean, W. T. Waggoner Building, Fort Worth, Tex. **Secretary:** William J. Hilseweck, Box 1290, Fort Worth, Tex. Officers elected for one year; terms expire 1942.

History: Organized by Fort Worth geologists, October, 1925. **Reference:** Bulletin of the American Association of Petroleum Geologists, vol. 13, page 550.

Object: To increase geological knowledge and professional cooperation among geologists, petroleum engineers, and men interested in technical problems of oil production.

Membership: Practicing geologists or professors of geology. Annual dues \$1.50. List of members available.

Meetings: Weekly, from September through July, at the Worth Hotel.

Research funds, medals, etc.: \$900 was given to the Bureau of Economic Geology of the Uni-

versity of Texas in 1930 to help defray the expenses of several Bulletins on geological subjects. The unexpended balance will be used in a future publication.

578. Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts. Parkway at 20th Street, Philadelphia, Pa. *President:* Charles S. Redding, Leeds and Northrup Company, Philadelphia, Pa. *Secretary and Director:* Henry Butler Allen.

History: Founded February 5, and incorporated March 3, 1824. Act of incorporation amended 1864. The Institute conducted schools in chemistry, physics, machine design drafting, and architecture for ninety-eight years, and organized the first high school in Philadelphia, known originally as the Franklin Institute High School and now as the Central High School of Philadelphia. It organized and conducted twenty-eight industrial expositions in addition to the Franklin Institute International Electrical Exposition of 1884, and the National Exports Exposition of 1899. The Institute maintains weekly scientific lectures by leading scientists of the world, from October to May. In September, 1924, the Institute celebrated its Centenary, which was attended by the leading scientists representing all of the civilized countries of the world. *References:* Address of Hon. Frederick Fraley. In Commemorative Exercises at the 50th Anniversary, Philadelphia, 1874. The Franklin Institute: A Sketch of its Organization and History, by W. H. Wahl, Philadelphia, 1895. Centennial publications.

Object: The promotion of the mechanic arts, and the dissemination of scientific knowledge.

Membership: All persons interested in the purposes and activities of the Institute may become members when elected by the Board of Managers. Honorary members require the vote of four-fifths of the members present at a stated meeting. Other classes of membership are as follows: Active, annual dues \$15; Active distant, \$5; Associate, \$5; Family privileges \$5 additional for either Active or Associate members; Student \$2, with library privileges \$3, with Journal \$6; Sustaining, \$50 or over; Active Life, payment of \$300; Distant Active Life, \$100. Total membership about 3,700.

Meetings: General meetings of the Institute, the third Wednesday from October to May. General meetings for scientific lectures, Wednesday evenings twice a month, from October to April inclusive. Annual meeting, the third Wednesday in January. A series of lectures by eminent scientists is given for young people of high school or preparatory school age during the Christmas vacation.

Library: About 120,000 volumes, 40,000 pamphlets, 5,000 maps, charts, photographs, etc., covering physics, chemistry, mathematics, applied science and technology. Repository for United States, British, Swiss, and other patent literature.

Research funds, medals, etc.: The Committee on Science and the Arts has functioned since the foundation of the Institute in investigating inventions and discoveries and in recommending awards to the Board of Managers. Ten medals are awarded, one of which, the Franklin Medal, is the highest award in the United States for the physical sciences. **FRANKLIN MEDAL**, gold, founded January 1, 1914, by Samuel Insull, Esq., awarded annually to those workers in physical science or technology, without regard to country, whose efforts, in the opinion of the Institute, acting through its Committee on Science and the Arts, have done most to advance a knowledge of physical science or its applications. **ELLIOTT CRESSON MEDAL**, gold, founded in 1848, awarded for discovery or original research, adding to the sum of human knowledge irrespective of commercial value; leading and practical utilization of discovery and invention, methods or products embodying substantial elements of leadership in their respective classes, or unusual skill or perfection in workmanship. **HOWARD N. POTTS MEDAL**, gold, awarded for distinguished work in science or the arts, important development of previous basic discoveries, inventions or products of superior excellence or utilizing important principles. **GEORGE R. HENDERSON MEDAL**, gold, awarded for meritorious inventions or discoveries in the field of railway engineering. **WALTON CLARK MEDAL**, gold, awarded for the most notable advance in knowledge, or improvement in apparatus or methods, concerning the science or the art of gas manufacture, or the distribution or utilization of gas in the production of illumination, heat, or power. **FRANK P. BROWN MEDAL**, silver, awarded for inventions and discoveries involving meritorious improvements in the building and allied industries. **JOHN PRICE WETHERILL MEDAL**, silver, awarded for discovery or invention in the physical sciences, or for new and important combinations of principles or methods already known. **EDWARD LONGSTRETH MEDAL**, silver, awarded for inventions of high order and for particularly meritorious improvements and developments in machines and mechanical processes. **LOUIS E. LEVY MEDAL**, gold, awarded to the author of a paper of especial merit, published in the Journal of the Franklin Institute, preference being given to one describing the author's experimental and theoretical researches in a subject of fundamental importance. **VERMILYE BRONZE MEDAL**, awarded once every two years by a special committee, in recogni-

tion of outstanding contributions in the field of industrial management. **CERTIFICATE OF MERIT**, awarded to persons adjudged worthy thereof for meritorious inventions, discoveries, or improvements in physical processes or devices. **BOYDEN PREMIUM**, a sum of \$1,000 which has been deposited with the Institute by Uriah A. Boyden, Esq., of Boston, Mass., to be awarded as a premium to "any resident of North America who shall determine by experiment whether all rays of light and other physical rays are or are not transmitted with the same velocity." Two prizes have already been awarded from this fund.

Laboratories: In 1921, by bequest of H. W. Bartol, the Institute received a sum of money for the establishment and maintenance of the **BARTOL RESEARCH FOUNDATION LABORATORIES**, capital, \$1,600,000 with \$600,000 to be added at a later date; income \$90,000. The Laboratories are for the promotion of research in the physical sciences, especially in electricity and in scientific problems growing out of industry. These were opened for scientific work in September, 1925, and were in full operation at 127-233 North 19th Street, Philadelphia, from then until June, 1929. The Franklin Institute began the erection of the Bartol Research Foundation Laboratories of the Franklin Institute on a tract of land leased from Swarthmore College, Swarthmore, Pa. This laboratory has been completed and was occupied permanently in May, 1929. Usually twelve Fellows and the Director are in full time appointment and are devoting themselves to fundamental researches in physical science. Three machinists and a glass-blower also work full time. There is an excellently equipped machine shop. The results of the work done in the Laboratory are frequently published in the Journal of the Franklin Institute. The official title of the Foundation is "The Bartol Research Foundation of the Franklin Institute." **BIOCHEMICAL RESEARCH FOUNDATION OF THE FRANKLIN INSTITUTE**. See no. 393. **FELS PLANETARIUM**. Opened to the public in November, 1933. **MUSEUM OF THE FRANKLIN INSTITUTE**, contains over 4,000 operable exhibits. There is an admission charge of twenty-five cents to the Planetarium and twenty-five cents to the Museum.

Publications: Journal of the Franklin Institute, monthly, 1- , 1824- .

Freer Gallery of Art. See Smithsonian Institution.

579. Game Conservation Society, Inc. 114 East 32nd Street, New York, N. Y. **President:** A. O. Macfarland. Elected for three years; term expires 1942.

Object: To increase game production in the United States.

Membership: Members, annual dues \$5; Contributing, \$25; Life, \$100; Patron, \$1,000.

Meetings: Annual, at various places.

Library: 400 volumes on game breeding and conservation.

Publications: Game, Breeder and Sportsman, 1- , 1912- , price \$2, free to members.

580. Gamma Alpha Graduate Scientific Fraternity. Cornell University, Ithaca, N. Y. **President:** Ralph H. Davidson, Ohio State University, Columbus, Ohio. **Secretary:** Perry W. Gilbert. Term of President, elected for four years, expires December, 1943; of Secretary, elected for four years, December, 1945.

History: Organized February, 1908. Chapters in fourteen universities.

Object: To unite and to promote good fellowship among men who are engaged in scientific work.

Membership: Active, Inactive, Honorary, and Alumni members. Entrance fee \$3, annual dues \$2. Membership is limited to men specializing in science who hold baccalaureate degrees or their equivalent from institutions of recognized standing and who are pursuing graduate work or are on the technical staffs of institutions where chapters are located. Total membership 5,771.

Meetings: Annual, usually at the same place as the winter meetings of the American Association for the Advancement of Science.

Publications: Gamma Alpha Record, issued 4 times annually, 1-31, 1908-1941, price \$1, free to members.

581. Gamma Sigma Delta, the Honor Society of Agriculture. **President:** E. M. Freeman, University Farm, St. Paul, Minn. **Secretary:** C. H. Bailey, University Farm, St. Paul, Minn. Terms expire November, 1942.

History: A professional agricultural fraternity was organized December 1, 1905, at Ohio State University; Delta Theta Sigma was organized March 30, 1908, at Iowa State College. In 1917 the Honor Society of Agriculture, Gamma Sigma Delta, was organized jointly by Iowa State College and the University of Minnesota.

Object: To promote scholarship.

Membership: Student, Faculty, and Alumni. Students are selected from seniors or post-graduates showing striking ability as students; faculty and alumni are selected from those who have made marked contributions to agriculture. Initiation fee \$1.50, no annual dues. An occasional directory is published.

Meetings: Every two years, usually in Chicago in connection with the Association of Land-Grant Colleges and Universities.

582. Gemological Institute of America. 541 South Alexandria Street, Los Angeles, Calif. *President:* Robert M. Shipley. *Secretary:* Dorothy Phebus. Officers elected annually; terms expire April, 1942.

History: Founded 1931.

Object: To promote the education of students in the science of gemology.

Membership: Sustaining members, entrance fee \$50, annual dues \$18. Total membership 53.

Meetings: Annual, at place chosen.

Library: A library on gems and precious metals is maintained.

Research funds, medals, etc.: Research funds are allocated annually from income. Laboratories are maintained in Los Angeles and Boston.

Publications: Gems and Gemology, issued every 3 months, 1933-1941, price \$3.50.

583. General Education Board. 49 West 49th Street, New York, N. Y. *President:* Raymond B. Fosdick. *Secretary:* William W. Brierley. Officers are elected at each annual meeting of the Board.

History: Founded 1902 by Mr. John D. Rockefeller; incorporated January 12, 1903, by Act of Congress.

Object: The promotion of education within the United States, without distinction of race, sex, or creed.

Meetings: Stated meetings of the Board are held in April and December.

Publications: Annual Report, free.

584. Genetics Society of America. Department of Genetics, Carnegie Institution of Washington, Cold Spring Harbor, Long Island, N. Y. *President:* E. W. Lindstrom, Iowa State College, Ames, Iowa. *Secretary:* B. P. Kaufmann. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1943.

History: Organized in 1922 as the Joint Genetics Sections of the American Society of Zoologists and the Botanical Society of America. The Society with its present name was formed in 1932.

Object: To provide facilities for association and conference among students of heredity, and for the encouragement of close relationship between workers in genetics and those in the related sciences.

Membership: Candidates must be recommended by two members and elected by the Executive Committee. Annual dues \$1.50. Total

membership 560. List of members available for 75 cents.

Meetings: Annual, usually with the American Association for the Advancement of Science. Summer meeting at the end of August.

Publications: Records, annual; no. 10, December, 1941.

585. Geographic Society of Chicago. 7 South Dearborn Street, Chicago, Ill. *President:* Nathan S. Davis, III, 700 North Michigan Avenue, Chicago, Ill. *Executive Secretary:* Anna Conwell. Term of President expires April, 1942.

History: Organized 1898; incorporated 1908.

Object: The advancement of the science of geography in general; the stimulation of interest in geographic knowledge; the presentation of researches and studies, by means of lectures and photographic and other exhibitions; the interchange of experiences of travel and observation; and the accumulation of works on geography, and of photographs of scenery, industries, and people.

Membership: Active members, entrance fee \$3, annual dues \$5; Sustaining, annual dues \$7.50; Life, payment of \$150. Total membership 1,200.

Meetings: Twice a month, October to April inclusive, at Orchestra Hall, Chicago.

Research funds, medals, etc.: HELEN CULVER GOLD MEDAL, founded 1907, to be conferred in recognition of valuable contributions to the science of geography. GEOGRAPHIC SOCIETY OF CHICAGO GOLD MEDAL, founded 1913, to be conferred as the Culver medal.

Publications: Bulletin, 1-9, 1899-1933.

586. Geographical Society of Philadelphia. 200 Witherspoon Building, Walnut and Juniper Streets, Philadelphia, Pa. *President:* Wharton Huber. *Secretary:* J. E. Burnett Buckenham. Officers elected for one year; terms expire September 30, 1942.

History: Organized 1891; incorporated 1893 as the Geographical Club of Philadelphia; name changed 1897 to present title.

Object: The advancement of the science of geography and of geographical studies and exploration, the recording of discoveries, the presentation of researches, and the accumulation of works on geography.

Membership: Resident, annual dues \$10 single, \$15 double. Non-resident, Corresponding, and Honorary members. Total membership 440.

Meetings: The first and third Wednesdays, November to May.

Library: 5,000 volumes on geography, exploration, and travel.

Research funds, medals, etc.: ELISHA KENT KANE MEDAL, for important geographical exploration or research. HENRY GRIER BRYANT MEDAL, for distinguished services to geography. *Publications:* Bulletin, 1893-1939.

587. Geological Society of America, Inc. 419 West 117th Street, New York, N. Y. *President:* Douglas Johnson, Columbia University, New York, N. Y. *Secretary:* H. R. Aldrich, Columbia University, New York, N. Y. Officers elected for one year; terms expire December, 1942.

History: Founded 1888 as the American Geological Society; name later changed to present title. The Cordilleran Section, composed of Fellows of the Society residing west of the 105th Meridian, was organized in 1899. *Reference:* History of the Society, by H. L. Fairchild, 1931; Fiftieth Anniversary Volume, 1888-1938, issued June, 1941.

Object: The advancement of the science of geology in North America.

Membership: Fellows; Correspondents, who are Honorary members. Entrance fee \$10, annual dues \$10. Total membership 795. List of members in Proceedings.

Meetings: Annual, at place selected each year.

Library: The private library of the late Dr. R. A. F. Penrose, Jr., came to the Society with his bequest, and is maintained as a memorial to him.

Research funds, medals, etc.: PENROSE BEQUEST, capital approximating \$5,000,000; income about \$200,000. PENROSE MEDAL, gold, established by the late Dr. R. A. F. Penrose, Jr., awarded for distinguished attainment in pure science, capital \$5,000, income varies slightly.

Publications: Bulletin, monthly, 1-52, 1889-1941, price \$10, to libraries and other institutions \$9, free to members. Bibliography and Index of Geology Exclusive of North America, annual, 1933-1940. Proceedings, annual, 1933-1940. Special Papers, 31 have been issued to date. Memoirs, 7 have been issued to date. The price of these various special publications for libraries and other subscribers is based on actual printing cost and varies with each issue, free to members.

588. Geological Society of Washington. *President:* Clarence S. Ross, U. S. Geological Survey, Washington, D. C. *Secretaries:* Wilbur S. Burbank and Joseph J. Fahey, U. S. Geological Survey, Washington, D. C. Term of President, elected for one year, expires December, 1942; of Secretaries, elected for two years, in December, 1942, and December 1943, respectively.

History: Organized February 25, 1893.

Object: The increase and diffusion of geological knowledge.

Membership: Active members, annual dues \$2; Corresponding, \$1. Total membership 302. List of members in the Directory of the Washington Academy of Sciences and Affiliated Societies.

Meetings: Semimonthly, at the Cosmos Club. *Publications:* Abstracts of papers are published from time to time in the Journal of the Washington Academy of Sciences.

589. Georgia Academy of Science. University of Georgia, Athens, Ga. *President:* W. B. Baker, Emory University, Ga. *Secretary:* A. S. Edwards. Term of President, elected for one year, expires April, 1942; of Secretary, elected for three years, 1944.

History: Organized at the University of Georgia, March 25, 1922, with a membership of 20. Junior Academy being organized in 1941.

Object: The promotion of the interests of science, particularly in Georgia.

Membership: Active members, Inactive, Fellows, Sustaining members, and Donors. Entrance fee \$2, annual dues \$2. Total membership 123. Election is a recognition of achievement, therefore membership is limited to those who have been for at least five years successfully engaged in some line of recognized scientific work, or who have been for five years productive members of the scientific faculties of colleges of recognized standing, or to those who have made noteworthy contributions to science. The number of active members is limited, members being chosen from the following groups, the number from any group not to exceed fifteen percent of the total active membership: A. Agriculture; B. Anthropology and Experimental Psychology; C. Botany; D. Chemistry; E. Geology and Geography; F. Mathematics; G. Mechanical Science and Engineering; H. Experimental Medicine; I. Physics and Astronomy; J. Zoology; K. Miscellaneous.

Meetings: Annual.

Publications: Proceedings, 1- , 1937- .

590. Georgia Public Health Association. *President:* J. E. Lester, Marietta, Ga. *Secretary:* Louva G. Lenert, 245 State Office Building, Atlanta, Ga. Officers elected for one year; terms expire June, 1942.

History: Organized about 1916 as the Georgia Health Officers' Association; name changed May 8, 1929, to present title.

Object: To aid in the promotion and protection of public health, to provide for the scientific advancement of members, to extend

and develop the public health movement, to aid in the promulgation and enforcement of state and local legislation in the interest of public health, and to render service and volunteer trained assistance in times of stress or need to state or local health authorities.

Membership: Active, Associate, Honorary, and Corporate members. Annual dues \$1. Total membership 265. List of members available for \$2.50.

Meetings: Annual, at Atlanta.

591. Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc. 1835 Eye Street, N. W., Washington, D. C. **President:** Colonel J. F. Siler. **Secretary:** Major General M. W. Ireland. Officers elected for one year; terms expire November, 1942.

History: Incorporated October 21, 1921, under the laws of the State of Delaware, as a memorial to William Crawford Gorgas.

Object: To promote research in tropical diseases.

Membership: The members of the corporation are the Board of Directors.

Meetings: Annual, in November, in Washington.

Library: Reference library of 1,000 volumes on general medicine for the use of the staff of the Gorgas Memorial Laboratory.

Research funds, medals, etc.: The Institute maintains the Gorgas Memorial Laboratory, Apartado 1252, Panama, R. de P., of which Dr. Herbert C. Clark is Director.

Publications: Annual Report of the Gorgas Memorial Laboratory.

592. Grassland Research Foundation. Norman, Okla. **President:** A. O. Weese, University of Oklahoma, Norman, Okla. **Secretary:** J. M. Aikman, Iowa State College, Ames, Iowa. Officers elected for three years; terms expire November, 1942.

History: Incorporated October 3, 1939.

Object: The development of facilities for research related to the problems of conservation and utilization of North American grasslands, their fauna, flora, and soils, their climatology and ecological relationships.

Membership: Individuals, annual dues \$2; Corporations or Institutions, \$5; Sustaining members \$10. Total membership 50.

Meetings: Statutory meeting, the first Tuesday in November, at Norman, Okla. General meeting with the American Association for the Advancement of Science.

Guggenheim Memorial Foundation. See John Simon Guggenheim Memorial Foundation.

593. Gypsum Association. 211 West Wacker Drive, Chicago, Ill. **President:** J. C. Best,

192 Delaware Avenue, Buffalo, N. Y. **General Manager:** Henry J. Schweim. Term of President expires February, 1942.

History: Organized 1930.

Object: To promote the use of gypsum; to deal with engineering and trade problems pertinent to the industry; to maintain a traffic bureau to furnish traffic information from lawfully published freight tariffs, and to assist the industry in transportation questions; to deal with improved methods of plant and mine operation; to maintain a credit bureau for the purpose of furnishing credit information to its members; to compile and publish information of benefit to the members of the Association and the industry; and to do all lawful acts and things to promote the welfare of the gypsum industry.

Membership: Open only to calciners. Entrance fee \$10; annual dues based on tonnage. Total membership 18.

Meetings: Semiannual, in Chicago and New York.

Research funds, medals, etc.: Research work for the Association is carried on through its Technical Problems Committee and through cooperation with the American Society for Testing Materials.

594. Harriet Newell Lowell Society for Dental Research. Harvard Dental School, Boston, Mass. **President:** Richard M. Stevens. **Secretary:** Harold S. Taylor. Officers elected for one year; terms expire June, 1942.

History: Organized 1912.

Object: To promote among students an interest in dental research.

Membership: Students, Graduates, Fellows, and Instructors. Annual dues \$1. Total membership 400.

Meetings: Monthly, at the Harvard Dental School.

Library: A library covering dentistry and related fields is maintained.

Research funds, medals, etc.: HARRIET NEWELL LOWELL FUND, established in 1907, for experimental research and lectures in dentistry.

595. Hartford Engineers Club, Inc. **President:** E. H. Casavant, Aetna Life Insurance Company, Hartford, Conn. **Secretary:** George B. Thompson, Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Officers elected for one year; terms expire May, 1942.

History: Organized 1923.

Object: To encourage friendly intercourse among engineers, and to promote their professional advancement; to encourage the arts and sciences connected with the various branches of engineering; and to participate in matters of an engineering nature.

Membership: Resident members, entrance fee \$4, annual dues \$4; Non-resident, \$4, \$3; Junior, \$4, \$3. Total membership 275. List of members available.

Meetings: Nine meetings are held each year.

Publications: Bulletin.

596. Harvey Society. *President:* Herbert S. Gasser, Rockefeller Institute, 66th Street and York Avenue, New York, N. Y. *Secretary:* Joseph C. Hinsey, Cornell Medical College, 1300 York Avenue, New York, N. Y. Officers elected for one year; terms expire July, 1942.

History: Organized by Professor Graham Lusk in 1905.

Object: The diffusion of scientific knowledge in selected chapters in anatomy, physiology, pathology, bacteriology, pharmacology, and physiological and pathological chemistry, through the medium of public lectures by men who are workers in the subjects presented.

Membership: Active members, laboratory workers in the medical or biological sciences, residing in the City of New York, who have personally contributed to the advancement of these sciences, annual dues \$4; Associate members, meritorious physicians who are in sympathy with the objects of this Society, residing in the City of New York, annual dues \$4; Honorary members, those who have delivered lectures before the Society and who are neither Active nor Associate members. Total membership 842. List of members published in each annual volume.

Meetings: Annual, at the New York Academy of Medicine.

Publications: Harvey Lectures, annual, 1-36, 1905-1941, price \$4, free to members.

597. Hawaii Territorial Medical Association. Mabel Smyth Memorial Building, Honolulu, T. H. *President:* A. L. Craig, Dillingham Building, Honolulu, T. H. *Secretary:* R. O. Brown, Young Building, Honolulu, T. H. Officers elected for one year; terms expire May, 1942.

History: Organized July 19, 1856, as the Hawaiian Medical Society; name changed 1925 to present title.

Object: To extend medical knowledge, to advance medical science, and to promote the betterment of public health.

Membership: Regular members, 273; Honorary members, 21; Service members. Entrance fee \$10, paid through component county society; annual dues \$25. List of members available.

Meetings: Annual, at various places.

Library: Volumes on medicine, nursing, and public health.

Research funds, medals, etc.: The Association sponsors one or two post-graduate series of lectures a year.

Publications: Bulletin, irregular, 1-3, 1938-1941, free to members.

598. Hawaiian Academy of Science. *President:* Harry F. Clements, University of Hawaii, Honolulu, T. H. *Secretary:* Mabel Slattery, Queen's Hospital, Honolulu, T. H. Officers elected for one year; terms expire May, 1942.

History: Organized July 23, 1925.

Object: The promotion of research and the diffusion of knowledge.

Membership: Annual dues \$1. Total membership 300.

Meetings: The annual meeting is held in two sections in May and November, at the University of Hawaii.

Publications: Proceedings, annual, 1-25, 1925-1941, free to members.

599. Hawaiian Botanical Society. Hawaiian Sugar Planters' Association Experiment Station, Honolulu, T. H. *President:* Constance E. Hartt. *Secretary:* Winston W. Jones, Agricultural Experiment Station, University of Hawaii, Honolulu, T. H. Officers elected for one year; terms expire December, 1941.

History: Founded 1924. **Reference:** The Hawaiian Botanical Society, by C. E. Hartt, *Paradise of the Pacific*, 49:8, 1937.

Object: To advance the science of botany, to encourage research in botany, and to promote the welfare of the members.

Membership: Any person residing in the Hawaiian Islands interested in plant life. Annual dues \$1. Total membership 85.

Meetings: Monthly, on the first Monday, except July, August, and September.

600. Hawaiian Entomological Society. Experiment Station, Hawaiian Sugar Planters' Association, Honolulu, T. H. *President:* E. C. Zimmerman, Bishop Museum, Honolulu, T. H. *Secretary:* F. X. Williams. Officers elected for one year; terms expire December, 1942.

History: Organized December 15, 1904.

References: Proceedings, Hawaiian Entomological Society, 1: 5-8, 1905; 1: 60, 1906; 2: 42-44, 1909; 4: 257-260, 363-373, 1920; 4: 388-389, 1931.

Membership: Active members, 34, annual dues \$5; Corresponding, 6, \$2; Student members, \$2.50; Honorary. Total membership 42.

Meetings: Monthly, every second Monday, at the Hawaiian Sugar Planters' Association Experiment Station.

Publications: Proceedings, annual, 1-11, 1905-1941.

601. Hawaiian Sugar Planters' Association.
President: H. A. Walker. *Secretary:* B. H. Wells. *Treasurer:* S. O. Halls, Alexander and Baldwin Building, Honolulu, T. H.

History: Organized March, 1882, as the Planters' Labor and Supply Company; reorganized 1895 under present name.

Object: The maintenance, advancement, improvement, and protection of the sugar industry of Hawaii, the support of an experiment station, and the development of agriculture in general.

Membership: Sugar plantations, mill companies, and individuals.

Meetings: Annual.

Research funds, medals, etc.: A laboratory is maintained in Honolulu for chemical analysis, laboratory and research work incident to the technology of sugar manufacture, the analysis and exploration of soil contents, and fertilizer effect, etc., incident to the growing of cane.

Library: A library on sugar is maintained.

Publications: Proceedings. Bulletin, Agricultural and Chemical Series, 1- , 1895- . Botanical Series, 1- , 1905- . Entomological Series, 1- , 1905- . Hawaiian Planters Monthly, 1-28, 1882-1909; superseded by Hawaiian Planters Record, 1- , 1909- , free to members.

602. Hawaiian Sugar Technologists. P. O. Box 411, Honolulu, T. H. *President:* Wm. Wolters, Waipahu, T. H. *Secretary:* J. H. Pratt, Box 97, Waiialua, T. H. Officers elected for one year; terms expire November, 1941.

History: Organized May 25, 1938, by the members of the Association of Hawaiian Sugar Technologists, which had been organized in November, 1922. The society is an amalgamation of the Hawaiian Chemists Association, organized in 1902, and the Hawaiian Engineering Association, organized about 1913. *Sections:* Agricultural and Chemical-Engineering sections are maintained on each of the four main islands.

Object: The study of the sugar industry in all its phases.

Membership: Active, Associate, and Honorary members. Membership limited to residents of Hawaii. Annual dues \$3. Total membership 700. List of members available on request.

Meetings: The main association holds a four-day convention in October or November; the local sections hold two meetings a year.

Publications: Proceedings, annual.

603. Hawaiian Volcano Research Association. 320 James Campbell Building, Honolulu, T. H. *President:* Frank C. Atherton, Honolulu, T. H. *Secretary:* L. W. de Vis-Norton.

History: Organized 1912.

Object: To conduct research in seismology, chemistry, volcanology, and physics.

Membership: Regular and Sustaining members, and Patrons. Annual dues \$5. Total membership 260.

Meetings: Occasional, in Honolulu.

Library: 1,200 volumes on geology, volcanology, seismology, and astronomy.

Research funds, medals, etc.: The Association maintains a research fund of approximately \$8,000, and has a laboratory at the Kilauea Volcano. Research fellowships are offered in cooperation with the University of Hawaii.

Publications: Volcano Letter, quarterly, issued to members only.

604. Helis Institute for Medical Research. 912 Whitney Bank Building, New Orleans, La. *Director:* Carlo J. Tripoli, 1413 Union Building, New Orleans, La. *Secretary:* L. A. Chastant.

History: Founded by William G. Helis, New Orleans, La.; organized April 30, 1941.

Object: To advance medical science by affording facilities for the conduct of medical research.

Meetings: Annual.

Research funds, medals, etc.: In addition to the annual budget for research, a prize in medicine is awarded to a graduate of the Hotel Dieu School of Nursing.

Helminthological Society of Washington. See No. 1265 in *Addenda*.

605. Herb Society of America, Inc. *President:* Mrs. John H. Cunningham, 53 Seaver Street, Brookline, Mass. *Secretary:* Mrs. Laurence A. Brown, 434 Marlborough Street, Boston, Mass.

History: Incorporated 1933.

Object: To further the knowledge of herbs and their uses.

Membership: Active, Associate, and Honorary members.

Publications: Herbarist, annual, price \$1.

606. Highway Research Board. National Research Council, 2101 Constitution Avenue, Washington, D. C. *Chairman:* F. C. Lang, University of Minnesota, Minneapolis, Minn. *Director:* Roy W. Crum. Term of Chairman, elected for one year, expires December, 1942.

History: Organized 1920 as the Advisory Board on Highway Research; name changed 1924 to present title.

Object: The coordination and promotion of highway research, and the dissemination of highway research information.

Membership: Consists of 30 technical and commercial associations and organizations of na-

tional scope, and 375 non-voting Associates. Annual dues vary.

Meetings: Annual, in Washington, D. C.

Research funds, medals, etc.: Researches are supported by special contributions from the U. S. Department of Agriculture and from technical organizations and industrial concerns.

Publications: Proceedings of the Annual Meeting, 2-20, 1922-1940, price \$2.50; vol. 1 not published; vol. 2-3 published as Bulletins of the National Research Council numbers 32 and 43. Highway Research Abstracts, monthly, 1-85, 1931-1941, price \$1.50, free to Associates.

607. History of Science Society, Inc. 8 The Fenway, Boston, Mass. *President:* Richard H. Shryock, 208 College Hall, Philadelphia, Pa. *Secretary:* Henry R. Viets. Term of President, elected for two years, expires December 31, 1942; Secretary appointed annually.

History: Organized January 12, 1924; incorporated 1925.

Object: To encourage and maintain an active interest in the history of science, and to support an official publication.

Membership: Regular, Honorary, and Library members. Annual dues \$5. Total membership 629.

Meetings: Annual, at various places.

Publications: Isis, issued 4 times a year, 1-33, 1912-1941, price \$6, free to members.

608. Horological Institute of America, Inc. National Bureau of Standards, Washington, D. C. *President:* Howard L. Beehler, Hamilton Watch Company, Lancaster, Pa. *Executive Secretary:* Ralph E. Gould. Term of President, elected for one year, expires May, 1942; Secretary appointed for an indefinite period.

History: Organized October, 1921, by the National Research Council. *Sections:* Six regional areas, each under a regional vice-president.

Object: To endeavor to elevate and dignify the art, science, and practice of horology; to establish a system of varying attainments for watch and clock makers, and to issue graded certificates to qualified applicants; to collect specimens, and to serve as a center for the reception and diffusion of scientific knowledge relating to all timing matters; and to develop standards for horological schools.

Membership: Active members, 400, annual dues \$3; Sustaining, 5, \$10; Life, 19, payment of \$100; Patrons, 2, \$1,000; Honorary, 11.

Meetings: Annual, at Washington, D. C.

Research funds, medals, etc.: Prizes, from regular funds, are given for high grades in watchmakers' examinations.

Publications: Journal, irregular, 1-9, 1934-1941. News Letter, occasional. Free to members.

609. Horticultural Society of New York, Inc. 598 Madison Avenue, New York, N. Y. *President:* Henry F. duPont, Winterthur, Del. *Secretary:* Clarence L. Hay. Terms expire January, 1942.

History: Organized 1900; incorporated 1902.

Object: To collect and diffuse information on topics relating to the culture and care of plants, fruits, flowers, and vegetables, and to stimulate the knowledge and love of horticulture.

Membership: Annual members, annual dues \$10; Professional Gardener, \$5; Sustaining member, annual dues \$25 for ten years when a member becomes a patron; Life, payment of \$100; Patron, \$250; Benefactor, \$1,000. Total membership, approximately 3,500.

Meetings: Directors' meeting on the second Wednesday of every month; monthly meetings on the third Wednesday of every month, with the exception of March, July, August, and September.

Library: About 10,000 volumes on botany, horticulture, and landscape design.

Publications: Monthly Bulletin, price 15 cents, free to members. Horticulture, semi-monthly, price \$1, free to members. Yearbook, price \$1, free to members.

610. Houston Engineers Club. 2615 Fannin Street, Houston, Tex. *President:* E. L. Henderson, P. O. Box 2628, Houston, Tex. *Secretary:* M. L. Armentrout, P. O. Box 337, Pasadena, Tex. Officers elected for one year; terms expire May 30, 1942.

History: Organized 1918 as a luncheon club.

Object: The promotion of fellowship among engineers.

Membership: Members, initiation fee \$10, annual dues \$6; Junior members, \$4, \$3; Associates, \$5, \$6; Sustaining, minimum payment of \$100; Honorary; Affiliate Society members.

Meetings: Biweekly, at Houston.

Library: 1,000 technical books and magazines.

611. Houston Geological Society. *President:* Carlton D. Speed, Jr., 1315 Second National Bank Building, Houston, Tex. *Secretary:* Wayne Z. Burkhead, 1134 Commerce Building, Houston, Tex. Officers elected for one year; terms expire October, 1942.

History: Organized 1924. *Reference:* The Houston Post, April 19, 1939.

Object: The stimulation of interest in geology, the promotion of social and professional intercourse among geologists, and the dissemination and discussion of geologic information.

Membership: Annual dues \$2. Total membership 376.

Meetings: Weekly, at the Texas State Hotel.
Research funds, medals, etc.: Awards are made to college seniors at the Agricultural and Mechanical College of Texas.

612. Human Betterment Foundation. 325 Security Building, Pasadena, Calif. *President:* E. S. Gosney. *Secretary:* Joe G. Crick. Term of President expires 1943; of Secretary, 1945.

History: Organized November 7, 1928, as a non-profit, eugenic educational corporation.

Object: The study of fundamental subjects for human betterment.

Membership: Limited to 25, may be extended to 35 by vote.

Meetings: Annual, and on call, in Pasadena.
Library: 100 volumes on eugenics.

Hyslop Foundation. See James H. Hyslop Foundation, Inc.

613. Idaho Public Health Association. *President:* W. P. Hughes, City Hall, Lewiston, Idaho. *Secretary:* H. C. Clare, Department of Public Health, Boise, Idaho.

History: Organized June, 1939.

Object: To extend and develop public health in Idaho.

Membership: Active members, entrance fee \$1, annual dues \$1; Honorary; Corporate. Total membership 95.

Meetings: Annual.

614. Idaho Society of Engineers. *President:* Raymond J. Briggs, Noble Building, Boise, Idaho. *Secretary:* W. P. Eaton, Box 1705, Boise, Idaho. Officers elected for one year; terms expire January, 1943.

History: Organized in 1910.

Object: The promotion and protection of the professions of engineering and architecture as social and economic influences vital to the affairs of men and the community, the betterment of life and health, and the protection of property.

Membership: Active, entrance fee \$10, annual dues \$5; Associate and Affiliate, \$7.50, \$4. Total membership 197.

Meetings: Quarterly, in various cities in Idaho.

615. Idaho State Medical Association. *President:* Paul M. Ellis, Wallace, Idaho. *Secretary:* F. B. Jeppesen, Eastman Building, Boise, Idaho. Officers elected for one year; terms expire September, 1942.

History: Organized 1894.

Object: The extension of medical knowledge, the advancement of medical science, and the en-

lightenment of public opinion as to medical questions.

Membership: Entrance fee, \$14; annual dues, \$14. Total membership 290.

Meetings: Annual.

Research funds, medals, etc.: ENDOWMENT FOR GRADUATE STUDY, capital \$11,250, interest and donations available annually.

Publications: Northwest Medicine, monthly, price \$2, free to members. Published by the State medical associations of Oregon, Washington, and Idaho.

616. Idaho State Pharmaceutical Association, Inc. *President:* Harold B. Craggs, Idaho Falls, Idaho. *Secretary:* J. J. Lynch, Boise, Idaho. Officers elected for one year; terms expire June 30, 1942.

History: Organized 1906.

Object: To promote better conditions in retail drugstores.

Membership: Annual dues \$10.

Meetings: Annual.

617. Illinois Audubon Society. Chicago Academy of Sciences, Chicago, Ill. *President:* R. M. Strong, 5840 Stony Island Avenue, Chicago, Ill. *Secretary:* Doris A. Plapp, 4140 North Keeler Avenue, Chicago, Ill. Officers elected for one year; terms expire 1942.

History: Organized 1897.

Object: To popularize the study of birds and their conservation.

Membership: Active members, annual dues, \$2; Contributing, \$5; Life, \$100. Total membership 250.

Meetings: The Board of Directors meets eight times a year. There are also occasional lecture meetings and field trips.

Library: 250 volumes on ornithology.

Publications: Audubon Bulletin, quarterly, free to members.

618. Illinois Engineering Council. *President:* T. G. Le Clair, 72 West Adams Street, Chicago, Ill. *Secretary:* Frank V. Smith, Sargent and Lundy, 140 South Dearborn Street, Chicago, Ill. Officers elected for one year; terms expire January, 1943.

History: Established with six member societies in 1937; formal organization at the first annual meeting, December 10, 1938.

Object: To further the public welfare wherever technical and engineering knowledge and experience are involved, and to consider and act upon matters of common concern to the engineering and allied technical professions.

Membership: Membership is confined to local, state, and regional engineering societies and allied technical organizations which are ac-

tive in the State. Annual dues \$10 to \$50 depending on the size of the member organization. Total membership, 11 societies.

Meetings: Executive Committee meets quarterly; Directors meet annually, on the Saturday after the first Tuesday in December.

619. Illinois Pharmaceutical Association. 77 West Washington Street, Chicago, Ill. *President:* Maurice B. Skelton, 617 East Green Street, Champaign, Ill. *Secretary:* Joseph J. Shine. Officers elected for one year; terms expire June, 1942.

History: Organized 1880.

Object: The advancement of pharmacy.

Membership: Active members, annual dues \$10; Associate, \$5; Honorary. Total membership 2,000.

Meetings: Annual, in various cities of Illinois.

Research funds, medals, etc.: An annual award is made to encourage the promotion of pharmacy.

Publications: Drug Progress, monthly, free to druggists.

620. Illinois Society for Mental Hygiene. 343 South Dearborn Street, Chicago, Ill. *President:* David Slight, Department of Psychiatry, Billings Hospital, Chicago, Ill. *Secretary:* Durand Smith, 2340 Clybourn Avenue, Chicago, Ill. *Director:* John Chornyak. Officers elected for one year; terms expire February, 1942.

History: Organized 1909; incorporated 1910. *Reference:* Survey of the Illinois Society for Mental Hygiene, 1936.

Object: The prevention of mental diseases and the fostering and conservation of mental health.

Membership: Regular and Sustaining members, Patrons and Benefactors, annual dues \$2. Total membership 604. List of members available for 10 cents.

Meetings: Annual meeting; Board of Directors meets four times a year, and the executive committee meets nine times a year.

Library: Approximately 398 volumes and 150 pamphlets and journals on mental hygiene.

Publications: Mental Hygiene Bulletin, bi-monthly, 1-19, 1923-1941, price \$2, free to members.

621. Illinois Society of Consulting Psychologists. *President:* Martin L. Reymert, Mooseheart Laboratory for Child Research, Mooseheart, Ill. *Secretary:* Milton A. Saffir, Bureau of Child Study, Chicago Board of Education, 228 North LaSalle Street, Chicago, Ill. Term of President, elected for one year, expires September, 1942; of Secretary, elected for two years, September, 1942.

History: Organized June, 1935; incorporated August, 1936.

Object: The mutual benefit of consulting psychologists, the promotion of high standards of practice, the education of the public in regard to services rendered, and the stimulation of research in the fields of applied psychology.

Membership: Entrance fee \$2, annual dues \$2. Total membership 58. List of members available.

Meetings: Quarterly.

Publications: Yearbook.

622. Illinois Society of Engineers, Inc. 204 Engineering Hall, Urbana, Ill. *President:* Alex Van Praag, Jr., Standard Office Building, Decatur, Ill. *Secretary:* H. E. Babbitt. Officers elected for one year; terms expire 1943.

History: Organized 1886 as the Illinois Society of Engineers and Surveyors; changed to present name in 1916.

Object: The encouragement of professional improvement and good fellowship among the members.

Membership: Member, annual dues \$5; Affiliate, \$5; Associate, \$5; Junior, \$2; Honorary. Total membership 750. List of members available for \$1.

Meetings: Annual.

Research fund, medals, etc.: ILLINOIS AWARD, for a paper presented during the current year describing an engineering work with which the author has been directly connected; or recording an investigation contributing to engineering knowledge, some essential part of which investigation was made by the author; or a paper summarizing or skillfully digesting the literature pertaining to any subject of engineering which facilitates the use of the body of existing knowledge upon such engineering subject. Accuracy of language, convenience of arrangement, and excellence of style shall be factors considered in making the award.

Publications: Illinois Engineer, 8 issues annually, 1-24, 1917-1941, price \$1, free to members.

623. Illinois State Academy of Science. *President:* T. H. Frison, Natural Resources Building, Urbana, Ill. *Secretary:* R. F. Paton, University of Illinois, Urbana, Ill. Term of President, elected for one year, expires 1942; of Secretary, elected for three years, 1942.

History: Organized December 7, 1907, at Springfield, Ill. *Reference:* Science, n. s. 27: 186-188, 1908.

Object: The promotion of scientific research, the diffusion of scientific knowledge and the scientific spirit, and the unification of the scientific interests of the State.

Membership: Life, Active, and Sustaining members, entrance fee \$1, annual dues \$1. There is no entrance fee for members affiliated with any organization of the American Association for the Advancement of Science. Total membership 900.

Meetings: Annual.

Publications: Transactions, quarterly, 1-34, 1907-1941, price \$1.50, free to members.

624. Illinois State Horticultural Society. *President:* O. G. Jones, Mt. Sterling, Ill. *Secretary:* Joe B. Hale, Kell, Ill. Officers elected for one year; terms expire April, 1942.

History: Organized December, 1856.

Object: The advancement of horticulture in the State of Illinois.

Membership: Annual dues \$1; Life dues \$5. Total membership 1,200. List of members available for \$1.

Meetings: Annual.

Publications: News Letter, 8 issues annually. Bulletin, quarterly. Transactions.

625. Illinois State Medical Society. *President:* Charles H. Phifer, 30 North Michigan Avenue, Chicago, Ill. *Secretary:* Harold M. Camp, 224 South Main Street, Monmouth, Ill. Officers elected for one year; terms expire May, 1942.

History: Organized June, 1840, in Springfield, Ill.; reorganized in 1850.

Object: To federate and bring into one compact organization the entire medical profession of the State of Illinois, and to unite with similar societies of other states to form the American Medical Association; to extend medical knowledge and advance medical science; to elevate the standard of medical education, and to secure the enactment and enforcement of just medical laws; to promote friendly intercourse among physicians; to guard and foster the material interests of its members and to protect them against imposition; and to enlighten and direct public opinion in regard to the great problems of state medicine.

Membership: Members, annual dues \$8; Honorary and Emeritus members. Total membership 8,300.

Meetings: Annual, at various cities in Illinois.

Publications: Illinois Medical Journal, monthly, 1-79, 1899-1941, price \$3, free to members.

626. Illuminating Engineering Society. Room 2100, 51 Madison Avenue, New York, N. Y. *President:* Willard C. Brown, Nela Park, Cleveland, Ohio. *Secretary:* A. Dexter Hinkley, School of Engineering, Columbia University, New York, N. Y. Officers elected

for one year; terms expire September, 1942. *Executive Secretary:* Frank G. Horton.

History: Founded 1906. **Sections:** Toronto, New England, New York, Philadelphia, Pittsburgh, Cleveland, Michigan, Ohio Valley, Western New York, Chicago, Twin City, Southwestern, San Francisco Bay Cities, and Southern California. **Chapters:** Montreal, Connecticut, Baltimore-Washington, Georgia, New Orleans, Heart of America, Nebraska-Iowa, Spirit of St. Louis, Oregon, Washington State, and Rocky Mountain.

Object: The advancement of the theory and practice of illuminating engineering and the dissemination of knowledge relating thereto.

Membership: Members, who shall not be less than twenty-three years of age and shall have been for at least three years engaged in work having a direct bearing on illuminating engineering, and shall have made some valuable contribution to the science or art of illumination; entrance fee \$2.50, annual dues \$15. Associate members, anyone interested in the objects of the Society, \$2.50, \$7.50; Student members, \$2.50, \$5; Sustaining members, contributions vary; Members Emeritus.

Meetings: Annual.

Publications: Illuminating Engineering, monthly, except August and October, 1-26, 1906-1941, price \$7.50 domestic, \$8 foreign, free to members.

627. Indiana Academy of Science. State Library, Indianapolis, Ind. *President:* M. G. Mellon, Purdue University, West Lafayette, Ind. *Secretary:* Winona H. Welch, DePauw University, Greencastle, Ind. Officers elected for one year; terms expire December, 1942.

History: Organized 1885; incorporated 1893. **Sections:** Anthropology, Bacteriology, Botany, Chemistry, Geology and Geography, Mathematics, Physics, Psychology, Zoology, and the Junior Academy of Science.

Object: Scientific research and the diffusion of knowledge concerning the various departments of science; the promotion of intercourse between men engaged in scientific work, especially in Indiana; assistance by investigation and discussion in developing and making known the material, educational, and other resources and riches of the State; and the arrangement and preparation for publication of such reports as may further the aims and objects of the Academy.

Membership: Fellows, 140; Non-resident, 17; Active, 926; Clubs in Junior Academy, 41; Honorary member, 1. Entrance fee, \$1; annual dues \$1. List of members available for \$3.

Meetings: Semiannual, November and May, at various places.

Library: 3,000 reports, proceedings, and journals covering the fields of science.

Research funds, medals, etc.: INDIANA ACADEMY OF SCIENCE RESEARCH FUND, to further scientific research.

Publications: Proceedings, annual, 1-50, 1891-1941.

628. Indiana Association of Clinical Psychologists. *President:* Harriet E. O'Shea, Purdue University, Lafayette, Ind. *Secretary:* Merrill T. Eaton, Indiana University, Bloomington, Ind. Terms of officers expire November, 1942.

History: Organized 1936.

Object: To establish and maintain standards for clinical psychologists in Indiana, to aid in maintaining standards of clinical practice through education of the professional and lay public, to establish the services of the clinical psychologist more widely throughout the State, and to stimulate research in this subject.

Membership: Members, 11, annual dues \$1; Senior Associates, 8, \$2; Associates, 41, \$3.

Meetings: Three meetings a year, in Indianapolis.

Publications: IACP News, 5 issues annually, free to members.

629. Indiana Gas Association. *President:* F. B. Culley, Evansville, Ind. *Secretary:* H. W. Thornburg, Anderson, Ind. Officers elected for one year; terms expire May, 1942.

History: Organized 1907.

Object: To promote the interests of the gas industry.

Membership: Associate members, annual dues \$2.50. The Active membership is composed of gas companies in Indiana.

Meetings: Annual.

Research funds, medals, etc.: The Association has established a Chair of Gas Engineering and Research at Purdue University.

Publications: Proceedings, 1- , 1909- .

630. Indiana Horticultural Society, Inc. *President:* V. V. Clarke, Bristol, Ind. *Secretary:* Monroe McCown, Lafayette, Ind. Term of President, elected for one year, expires January, 1943; Secretary appointed.

History: Organized 1860; incorporated 1875.

Object: To promote horticultural interests in the State of Indiana.

Membership: Annual members, annual dues \$1; Life and Honorary members. Total membership 465. List of members available.

Meetings: Annual.

Publications: Hoosier Horticulture, monthly, 1-23, 1919-1941, free to members. Transactions.

631. Indiana State Medical Association. 23 East Ohio Street, Indianapolis, Ind. *President:* M. A. Austin, Anderson, Ind. *Execu-*

tive Secretary: Thomas A. Hendricks. Term of President, elected for one year, expires December, 1942; of Secretary, indefinite.

History: Founded 1849 as the Indiana State Medical Society; name changed April, 1926, to present title. *Sections:* Surgery, Medicine, Ophthalmology and Otolaryngology, and Anesthesia.

Object: To form a compact organization, to extend medical knowledge and advance medical science, and to elevate the standards of medical education.

Membership: Annual dues \$10. Total membership 3,125.

Meetings: Annual, at various cities in Indiana.

Publications: Journal, monthly, 1-33, 1908-1940. Transactions, price \$3.50, to members \$2. News Bulletin, weekly.

632. Industrial Management Society. 205 West Wacker Drive, Chicago, Ill. *President:* P. H. Weber. *Secretary:* T. S. Booz. Officers elected for one year; terms expire June, 1942.

History: Organized 1937.

Object: To advance the profession of management, to promote research in its various fields, and to study problems of the social sciences as related to industry.

Membership: Individual members, annual dues \$12.50; Company members, \$25; Non-resident members, \$5. Total membership 190.

Meetings: Research meetings are held twice each month.

Library: 1,000 volumes on industrial management.

Publications: Proceedings are published twice a year, price \$1 a copy.

633. Industrial Research Institute. *Chairman:* F. W. Blair, Ivorydale, Ohio. *Secretary:* C. G. Worthington, 8 South Michigan Avenue, Chicago, Ill. Term of Chairman, elected for one year, expires May, 1943.

History: Organized as a committee of the Division of Engineering and Industrial Research, National Research Council, February, 1938, and affiliated with the National Research Council.

Object: To promote, through the cooperative efforts of its members, constant improvement of methods and more economical and effective management in industrial research.

Membership: Limited to companies engaged primarily in manufacturing which regularly maintain a technical staff and laboratory for the purpose of conducting industrial research, annual dues \$250. Total membership 36.

Meetings: Three meetings held annually, in or near industrial cities.

634. Institute of American Poultry Industries. 110 North Franklin Street, Chicago, Ill. *President:* Frank Priebe. *Secretary:* E. B. Heaton. Term of President, elected for one year, expires February, 1942.

History: Organized as the United States Egg Society in 1925; name changed in 1931 to present title.

Object: Educational and extension work in the egg and poultry industry.

Membership: Annual dues based on tonnage handled by members.

Meetings: Annual.

Library: 500 volumes and 5,000 bulletins on poultry and related subjects.

Research funds, medals, etc.: About \$10,000 a year is available for work on coordinating research.

Publications: U. S. Egg and Poultry Magazine, 32-46, 1926-1940, successor to Egg Reporter which was established in 1895, and continuing its volume number, price \$2, domestic and in Mexico and Canada; \$3, foreign. Free to members, one subscription for each \$10 membership.

635. Institute of Ceramic Engineers. 2525 North High Street, Columbus, Ohio. *President:* E. H. Fritz, Westinghouse Electric and Manufacturing Company, Derry, Pa. *Secretary:* H. B. DuBois, 1403 Trenton Trust Building, Trenton, N. J. Officers elected for one year; terms expire April, 1942.

History: The organization of the Institute was completed in March, 1938, at the annual meeting of the American Ceramic Society, and affiliated with that Society.

Object: To promote the professional status of ceramic and other engineers engaged in all branches of the ceramic industry, to improve ceramic engineering education, and to promote the professional development of young engineers.

Membership: Members, Associate members, and Junior members, annual dues not to exceed \$2. Total membership 312.

Meetings: Annual.

Publications: The Institute has a page in the monthly Bulletin of the American Ceramic Society.

636. Institute of Food Technologists. *President:* L. V. Burton, Food Industries, McGraw-Hill Building, New York, N. Y. *Secretary:* G. J. Hucker, New York Agricultural Experiment Station, Geneva, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized in Cambridge, Mass., July 1, 1939. Members residing in the New York metropolitan area, organized in 1942 a

local chapter under the name of the New York Society of Food Technologists.

Object: To correlate and coordinate the aims, efforts, and knowledge of those engaged in the manufacturing, processing, and distributing of food prepared on a commercial scale, and in research pertaining thereto.

Membership: Members, annual dues \$3; Affiliates, \$2; Corporate members, dues vary. Total membership 1,000.

Meetings: Annual.

Publications: Proceedings, annual.

637. Institute of International Education. 2 West 45th Street, New York, N. Y. *Director:* Stephen Duggan. *Assistant Director:* Edgar J. Fisher.

History: Organized 1919.

Object: The development of international understanding, good will, and education through various activities.

Library: 500 volumes on international education.

Publications: News Bulletin, monthly, October through May, 1-16, 1925-1941, price 25 cents a year. Annual Report.

638. Institute of Makers of Explosives. 103 Park Avenue, New York, N. Y. *President:* George C. King, Cincinnati, Ohio. *Secretary-Treasurer:* C. Stewart Comeaux.

History: Organized 1913.

Object: To promote publicity in the transaction of the explosives business, to gather and distribute accurate information, to maintain high and uniform standards in the manufacture of explosives, to devise ways and means of promoting their use, to deal with the laws affecting them, and to cooperate with other organizations interested in explosives.

Membership: Any manufacturer of commercial explosives in the United States is eligible for membership. List of members available.

Meetings: About four a year.

Publications: Pamphlets, nos. 1-24, 1914-1941.

639. Institute of Mathematical Statistics. Carnegie Institute of Technology, Pittsburgh, Pa. *President:* C. C. Craig, University of Michigan, Ann Arbor, Mich. *Secretary:* Edwin G. Olds. Officers elected for one year; terms expire December, 1942.

History: Organized September, 1935, in Ann Arbor, Mich.

Object: To foster and promote interest in the mathematical theory of statistics.

Membership: Fellows and Members, annual dues \$5. Total membership \$400. Membership list available for \$4.

Meetings: In September and December.

Publications: Annals of Mathematical Statistics, quarterly, 1-12, 1930-1941, price \$4, free to members.

640. Institute of Medicine of Chicago. 86 East Randolph Street, Chicago, Ill. *Honorary Chairman, Board of Governors:* Ludvig Hektoen. *Chairman, Board of Governors:* William F. Petersen. *President:* Wilber E. Post, 122 South Michigan Boulevard, Chicago, Ill. *Secretary:* George H. Coleman, 122 South Michigan Boulevard, Chicago, Ill. President and Secretary elected for one year; terms expire December, 1942.

History: Organized and incorporated not for profit September, 1915. *Reference:* The Institute Itself, Proceedings of the Institute of Medicine of Chicago, 8:1, 1930. Outline of Developmental Policy, Proceedings, 12:18, 1939.

Object: To promote the study and to encourage the advancement of medicine and the allied sciences.

Membership: Fellows, physicians who are graduates in medicine of at least five years' standing, or persons engaged in allied scientific pursuits, entrance fee \$100, annual dues \$20; Academic fellows, physicians or other persons engaged in scientific pursuits allied to medicine living within fifty miles of Chicago, whose income is derived from teaching or research or like pursuits, and who are because of their limited income entitled to special consideration in respect to initiation fees and dues, entrance fee \$25, annual dues \$5; Non-resident fellows, physicians who are graduates of at least five years' standing or persons engaged in scientific pursuits allied to medicine, who do not reside within fifty miles of Chicago, entrance fee \$25, annual dues \$5. Total membership 480. List of members in Yearbook.

Meetings: Six to eight meetings annually.

Research funds, medals, etc.: FRANK BILLINGS FOUNDATION, capital \$10,000, the income to be used for two lectures annually, the Ludvig Hektoen Lecture and the Lewis Linn McArthur Lecture. THOMAS LEWIS GILMER FOUNDATION, capital \$2,500, income for an annual or biennial lecture, the Frank Billings Lecture. JESSIE HORTON KOESSLER FELLOWSHIP AND LECTURESHIP, capital \$10,000, income for a fellowship in research in biochemistry, physiology, bacteriology, or pathology for three successive years, and in every fourth year to provide an honorarium for a lecture to be delivered before the Institute of Medicine of Chicago on the results of research work. JOSEPH A. CAPPS PRIZE FOR MEDICAL RESEARCH, capital \$10,000, income awarded annually for the most meritorious investigation in medicine in Chicago completed within two years after receiving the M.D. degree, by a graduate of some medical school in

Chicago, or if no prize is awarded, for a Joseph A. Capps Lecture in Medicine. ELIZABETH McCORMICK CHILD RESEARCH GRANT, not to exceed \$1,500 a year, for child research.

Publications: Proceedings, monthly, with the exception of July, August, and September, \$1-13, 1916-1941, price \$3 a volume of 18 numbers, free to Fellows. Yearbook.

Institute of Pacific Relations. See American Council, Institute of Pacific Relations.

641. Institute of Radio Engineers, Inc. 330 West 42nd Street, New York, N. Y. *President:* A. F. Van Dyck, RCA License Laboratory, 711 Fifth Avenue, New York, N. Y. *Secretary:* Harold P. Westman. Officers elected for one year; terms expire December, 1942.

History: Formed in 1912 through the amalgamation of the Society of Wireless Engineers and the Wireless Institute. *Sections:* Atlanta, Baltimore, Boston, Buenos Aires, Buffalo-Niagara, Chicago, Cincinnati, Cleveland, Connecticut Valley, Dallas-Fort Worth, Detroit, Emporium, Indianapolis, Kansas City, Los Angeles, Montreal, New Orleans, Philadelphia, Pittsburgh, Portland, Seattle, Rochester, San Francisco, Toronto, Twin Cities, and Washington.

Object: To advance the theory and practice of radio and allied branches of engineering and related arts and sciences, and their application to human needs, and to maintain a high professional standing among its members.

Membership: Fellow, entrance fee \$10, annual dues \$10; Member, \$5, \$10; Associate, \$3, \$6; Junior, \$1, \$4; Student, no entrance fee, annual dues \$3. Total membership 5,705.

Meetings: Monthly, at the Engineering Societies Building, 33 West 39th Street, New York City. Annual conventions held in cities where the Institution has sections. The convention dates vary.

Research funds, medals, etc.: INSTITUTE MEDAL OF HONOR, conferred in recognition of distinguished service in radio communication. MORRIS LIEBMANN MEMORIAL PRIZE, awarded to an Institute member who has made public during the recent past an important contribution to radio communication. The contribution must be described in a scientific or engineering publication of recognized standing. Income from a gift of \$10,000.

Publications: Proceedings, monthly, 1913-1941, price \$10, free to members. Yearbook, irregular.

642. Institute of Shortening Manufacturers, Inc. 1006 Norris Building, Atlanta, Ga. *President:* J. F. Rogers, Cincinnati, Ohio. *Executive Secretary:* Earl S. Haines.

History: Until March, 1937, the Association was known as the Institute of Cottonseed Oil Foods.

Object: To coordinate the industry for its promotion and progress, to cooperate with Federal and State governments, and with the National Cottonseed Products Association and other groups for the welfare of agriculture, and to disseminate information of help to members.

Membership: Active, Associate, and Honorary members.

Meetings: Annual, on the second Tuesday of May; others, as called.

Research funds, medals, etc.: The Institute cooperates with universities, the U. S. Department of Agriculture, and with other research agencies on research matters relating to the vegetable oil refining and manufacturing industry.

643. Institute of Standards, Inc. 230 Park Avenue, New York, N. Y. **President:** Otis Wiese. **Secretary:** E. Kendal Gillette, 40 Wall Street, New York, N. Y. **Managing Director:** Avraham Mezerik. Officers elected for one year; terms expire 1942.

History: Organized April 18, 1940.

Object: The development and promotion of the use of certification as proof of compliance with standards and specifications.

Library: Approximately fifty volumes on standards and the consumer movement.

644. Institute of the Aeronautical Sciences, Inc. 1505 RCA Building West, 30 Rockefeller Plaza, New York, N. Y. **President:** Hall L. Hibbard, Lockheed Aircraft Corporation, Burbank, Calif. **Executive Vice President:** Lester D. Gardner. **Secretary:** C. E. Sinclair. Officers elected for one year; terms expire January, 1943.

History: Incorporated as a non-profit, scientific society under the Membership Corporation Laws of the State of New York on October 15, 1932. Founders' Meeting was held at Columbia University, New York City, January 26, 1933, beginning the organization with a Founder Membership of 400. Permanent headquarters established in Rockefeller Center, New York City, in November, 1933. **Sections:** Dayton, Detroit, Los Angeles, Notre Dame, Philadelphia, San Diego, San Francisco, and Seattle. Student Branches in over thirty-five colleges, universities, and aeronautical schools.

Object: To advance and coordinate research and progress in the arts, sciences, and special fields of technology applied to aviation; to disseminate new knowledge in all the aeronautical fields; and to enhance the proficiency and prestige of its members in the aeronautical professions.

Membership: Honorary Fellows, 18, are elected by the Honorary Fellows and Fellows of the Institute residing in the United States and shall be persons of preeminence in aeronautics. Honorary members, 20, are elected by the Council for the period of one year. Benefactors, 17, shall be those persons who because of their interest in the advancement of aeronautics shall have contributed to the Institute the sum of not less than \$1,000. Fellows, 173, annual dues \$20, shall be proposed and elected by the Honorary Fellows and Fellows of the Institute residing in the United States. A Fellow shall have been an Associate Fellow for one year or more and have attained a position of distinction in aeronautics. He shall have made notable and valuable contributions in one of the aeronautical sciences or in aeronautical engineering. Associate Fellows, 570, annual dues \$15, shall have been members for six months or more and ordinarily be over thirty years of age. They shall have been personally responsible for important aeronautical developments. They shall have been actively engaged for a minimum of five years in aeronautical engineering, research, instruction, or the application of science to aeronautics, or they shall have attained an equivalent position in work closely allied to aeronautics or in the aeronautical arts and literature. Members, 650, entrance fee \$5, annual dues \$12.50, shall ordinarily be over twenty-five years of age and shall be persons who have completed approved courses in engineering and in addition have been engaged in aeronautical work for at least three years; or they shall be persons who have been so engaged for at least five years and acquired a recognized standing in aeronautical engineering, design, research, instruction, test flying, the application of special sciences to aeronautics, or the technical development of the construction or operation of aircraft, aircraft engines, or other essential components or accessories of aircraft. Industrial Members, 158, \$5, \$12.50, shall be persons engaged in the application or development of aeronautics who have acquired a recognized standing in the aeronautical field and who wish to receive the Journal of the Aeronautical Sciences, attend meetings, and support the activities of the Institute. Technical Members, 1,475, \$5, \$7.50, shall be former Student members and those persons engaged in the technical or industrial branches of aeronautics or work closely allied to aeronautics who wish to attend the meetings of the Institute and receive the Journal of the Aeronautical Sciences. Student Members, 1,125, shall be undergraduate or graduate students attending those universities or schools which have met the requirements of the Institute and which have on their faculties at least one member of the Institute who will recommend them

for membership. Student Members shall comply with and be subject to the Rules for Student Membership adopted by the Council. Corporate Members, 60, shall be manufacturers or operators of aircraft or producers of equipment, services, or supplies used in aeronautics who contribute to the Institute of the Aeronautical Sciences dues set by the Council. Total membership 4,170. List of members available.

Meetings: Annual meeting, with technical and business sessions, held in New York City the last week in January. Annual Summer Meeting, Pacific Coast, each summer. Section meetings and Student Branch Meetings held by local members throughout the winter months. Honors Night Dinner, annual, the last week in January. Wright Brothers Lecture, annual, December 17, in New York City.

Library: The Aeronautical Archives of the Institute were established in December, 1939, with reference index, reference library, art and trophy collections, and historical files, and consists of: The Burden Library—a reference collection of aeronautical books, pamphlets, reports, and periodicals numbering over 12,000 titles. The Paul Kollsman Library—a collection of over 4,000 aeronautical books, pamphlets, and reports available for loan by mail without charge to Institute members and enrolled borrowers. The Aeronautical Index—a file of 2,000,000 references on published technical, historical, and biographical material relating to aeronautics. These are arranged by title, author, and subject for bibliographical purposes. It also contains an extensive collection of clippings, reprints, digests, and other original material comprising a biographical file on several thousand aviation people and an aeronautical subject file. A lending library was added in November, 1940; and the West Coast library and section headquarters established in Los Angeles in 1941.

Research funds, medals, etc.: The Institute encourages and gives recognition to achievement in aeronautical work through the following awards which are presented each year at the Honors Night Dinner: DANIEL GUGGENHEIM MEDAL, established in 1926 by the Daniel Guggenheim Fund for the Promotion of Aeronautics in memory of Daniel Guggenheim, philanthropist and benefactor of international aviation, as an award for notable achievement in the advancement of aeronautics; awarded annually by the Board of Award, composed of representatives of the American Society of Mechanical Engineers, the Society of Automotive Engineers, the Institute of the Aeronautical Sciences, and the previous recipients of the Medal. SYLVANUS ALBERT REED AWARD, endowed through a bequest to the Institute of the Aeronautical Sciences in 1933 by the late Dr. S. A. Reed, a Founder Member of the Institute, to provide an honorarium of \$250 and a certificate

of award for a notable contribution to the aeronautical sciences resulting from experimental or theoretical investigations, the beneficial influence of which on the development of practical aeronautics is apparent; awarded annually by the Fellows of the Institute. OCTAVE CHANUTE AWARD, established by the Institute in 1939 to honor the memory of Octave Chanute, pioneer American aeronautical investigator, by providing a certificate of award for a notable contribution made by a pilot to the aeronautical sciences; awarded annually by the Committee of Award. LAWRENCE SPERRY AWARD, endowed by a gift to the Institute in 1936 by the brothers and sister of the late Lawrence Sperry, pioneer aviator, designer, and builder of aircraft, inventor and adapter of instrument aids to flying, to provide an honorarium of \$250 and a certificate of award to be presented for a notable contribution made by a young man to the advancement of aeronautics; awarded annually by the Board of Award. JOHN JEFFRIES AWARD, honors the memory of Dr. John Jeffries, an American physician who, with Blanchard the French balloonist, made the first aerial voyage across the English Channel in 1785 and on a previous voyage made the earliest recorded scientific observations from the air; established by the Institute in 1940 to give recognition to the importance to aviation of scientific endeavor in the field of medicine, by providing a certificate of award for outstanding contributions to the advancement of aeronautics through medical research; awarded annually by the Committee of Award. ROBERT M. LOSEY AWARD, honors the memory of Captain Robert Moffatt Losey, a member of the Institute and a meteorological officer of the Air Corps, who was killed at Dombas, Norway, April 21, 1940, while serving as an official observer for the United States Army, the first officer in the service of the United States to die in the War in Europe; established by the Institute in 1940 to provide a certificate of award in recognition of outstanding contributions to the science of meteorology as applied to aeronautics; awarded annually by the Committee of Award. **Lectures:** The WRIGHT BROTHERS LECTURE, presented each year on December 17th, the anniversary of the first airplane flight made by the Wright brothers, is endowed by the Vernon Lynch Fund of \$10,000, established in 1937 to provide an honorarium of \$250 for the lecturer. The lecturers are distinguished aeronautical scientists who are chosen by a Board consisting of those Americans who have delivered the Wilbur Wright Memorial Lecture of the Royal Aeronautical Society of Great Britain, and whenever possible, they are Americans and foreigners on alternate years.

Publications: Journal of the Aeronautical Sciences, 1-8, 1934-1941. The Journal began as a quarterly in January, 1934, bimonthly in Janu-

ary, 1935, and monthly in January, 1936. Each volume from vol. 4, no. 1, November, 1936, to date begins with the November issue. In November, 1940, Section 2, separately bound with the title of Aeronautical Review Section, was added. This section is sold with the Journal, or separately under the title of the Aeronautical Review Edition. The price of the Journal, including the Aeronautical Review Section, is \$10 domestic, \$12.50 foreign, including Canada. The price of the Aeronautical Review Edition only, is \$2.50 domestic, \$3 foreign.

645. Institute of Traffic Engineers. 60 John Street, New York, N. Y. *President:* D. Grant Mickle, 1300 Beaubien Street, Detroit, Mich. *Secretary:* W. Graham Cole. Officers elected for one year; terms expire September, 1942.

History: Organized 1930.

Object: The advancement of the art and science of traffic engineering, the fostering of that field in education, the stimulation of original research in traffic engineering, the professional improvement of its members, the encouragement of intercourse between men with mutual interests in traffic engineering, and the establishment of a central point of reference and union for its members.

Membership: Members, entrance fee \$15, annual dues \$10; Associated members, \$10, \$7.50; Affiliates, \$15, \$10; Junior members, \$5, \$5. Total membership 229. List of members available.

Meetings: Annual.

Publications: Traffic Engineering, monthly, 1-12, 1930-1941, price \$1, free to members; until 1938 with title of Traffic Digest. Annual Proceedings, price \$1.

646. Institute of Women's Professional Relations. *Chairman of the Board:* Mrs. Catherine Filene Shouse, 1066 National Press Building, Washington, D. C. *Managing Director:* Mrs. Chase Going Woodhouse, 751 Williams Street, New London, Conn.

History: Organized 1929. *Sections:* Research Headquarters, Connecticut College, New London, Conn. Branch and Financial office, 1066 National Press Building, Washington, D. C.

Object: Research on occupational opportunities for women of the college group.

Membership: Subscribing membership \$5; Sustaining membership \$25; Organization membership \$100; Junior organization membership \$25; Donor \$100 or more.

Meetings: Occupational conferences are held once or more each year.

Publications: Women's Work and Education, quarterly, 1-12, 1929-1941, price \$1.50 a year or 40 cents for a single copy.

647. International Association for Dental Research. *President:* Isaac Schour, 808 South Wood Street, Chicago, Ill. *Secretary:* Edward H. Hatton, 311 East Chicago Avenue, Chicago, Ill. Term of President, elected for one year, expires March, 1942; of Secretary, indefinite.

History: Organized in New York City, December, 1920.

Object: To promote research in dentistry and allied fields.

Membership: Active and Veteran members. Annual dues \$1. Total membership 537. List of members published annually in the Journal of Dental Research.

Meetings: Annual, at place selected.

Research funds, medals, etc.: DENTAL SCIENCE AND DENTAL ART AWARD, \$50.

Publications: Journal of Dental Research, 6 numbers a year, 1-20, 1919-1941, price \$5.

648. International Electrotechnical Commission. *United States National Committee.* 29 West 39th Street, New York, N. Y. *President:* E. C. Crittenden, National Bureau of Standards, Washington, D. C. *Secretary:* J. W. McNair. Term of President, elected for one year, expires December, 1942; Secretary, permanent.

History: Originally formed in 1907 by the American Institute of Electrical Engineers and until 1920, supported by the Institute alone. At that time, its basis was broadened and other organizations included. The standardizing activities in the electrical field for the United States were organized in 1931 on a more definitely coordinated basis than theretofore, resulting in the establishment of the Electrical Standards Committee, which for the purpose of national standardization, is broadly representative of the entire electrical industry. It was recognized that this body formed the most competent group to represent American electrical industry as a whole, and that with certain additions to take account of the broad scope of work of the International Electrotechnical Commission and its international character, it would constitute the most suitable group about which the U. S. National Committee should be formed. Therefore, the U.S.N.C. has adopted the form of organization thus provided, giving it an intimate relation with the E.S.C., and through it, with the American Standards Association.

Object: The Committee is the organ through which American participation in the work of the International Electrotechnical Commission is effected.

Membership: Representatives appointed to the Electrical Standards Committee by the bodies designated in its constitution, three representatives of the American Society of Mechanical

Engineers, individuals invited by the E.S.C. to serve as members of the U.S.N.C., and representatives of other organizations not represented on the E.S.C., designated by their organization and confirmed by the E.S.C.

Meetings: Annual, in December, in New York City.

International Exchange Service. See Smithsonian Institution.

649. Inter-Society Color Council. *Chairman:* Deane B. Judd, National Bureau of Standards, Washington, D. C. *Secretary:* Dorothy Nickerson, Agricultural Marketing Service, Washington, D. C. Officers elected for two years; terms expire December, 1943.

History: Organized 1931. *Reference:* The Inter-Society Color Council, *Journal of the Optical Society of America*, 28: 357-9, 1938.

Object: To stimulate and coordinate the work being done by the various societies, organizations, and associations leading to the standardization, description, and specification of color; and to promote the practical application of these results to the color problems arising in science, art, and industry.

Membership: Member-bodies, any society of national scope operating on a non-profit basis is eligible, ultimate general authority and responsibility for the policies and affairs of the Council vested in member-bodies, annual dues \$25; Individual members, any person interested in color and desirous of participating in the activities of the Council for furtherance of its aims and purposes, annual dues \$5; Sustaining members, any person, society, association, etc., who contributes substantially to the financial support of the Council shall be eligible for sustaining membership, annual dues \$100. Total membership 13 national associations, and 81 individual members. List of members available.

Meetings: Annual.

Publications: News Letter, bimonthly, 1933-1941, free to members.

650. Inter-State Post Graduate Medical Association of North America. *President:* George R. Minot, Boston, Mass. *Secretary:* Tom B. Throckmorton, 923 Bankers Trust Building, Des Moines, Iowa. Officers elected for one year; terms expire October, 1942.

History: Organized 1916 as the Tri-State District Medical Association, Iowa, Illinois, Wisconsin; name changed to present title in 1925.

Object: To extend the knowledge of the medical profession, and to promote friendly medical relations among the nations of the world.

Membership: Medical men and women in good standing. Annual dues \$5, for those who

attend the annual assembly, payable as registration fee.

Meetings: Annual assembly.

Research funds, medals, etc.: JOSEPH SCHNEIDER FOUNDATION, for researches on diseases of the eye.

Publications: Proceedings, annual, 1925-1941, price varies from \$6.75 to \$12.50.

651. Iota Sigma Pi. *President:* E. McBain, Stanford University, Calif. *Secretary:* Icie Macy Hoobler, Childrens Fund of Michigan, 660 Frederick Street, Detroit, Mich. Officers elected for three years; terms expire April, 1942.

History: An outgrowth of several distinct and parallel movements in different institutions, with Alchemia, organized 1912 at the University of California, considered the parent organization. Organized 1916 under present title. There are twenty chapters.

Object: To promote an interest in chemistry among women students; to foster mutual advancement in academic, business, and social life; and to stimulate personal accomplishment in chemical fields.

Membership: Student and faculty members. Entrance fee \$20 per chapter. Annual dues vary with each chapter. Total membership about 2,600.

Meetings: Triennial. Chapter meetings monthly or bimonthly.

652. Iowa Academy of Science. *President:* Roy A. Nelson, Cornell College, Mt. Vernon, Iowa. *Secretary:* Elery R. Becker, Iowa State College, Ames, Iowa. Officers elected for one year; terms expire April, 1942.

History: Organized December, 1887, as the Iowa Association for Scientific Research; name changed September 5, 1888, to present title; incorporated in 1894. *Sections:* Bacteriology and Botany; Chemistry, Inorganic and Physical; Chemistry, Organic and Biological; Geology; Mathematics; Physics; Psychology; Zoology; Science Teaching. *Reference:* Iowa Journal of History and Politics, 2: 305-8, July, 1931.

Object: The encouragement of scientific work in the State of Iowa.

Membership: Honorary fellows; Life fellows, entrance fee \$22; Fellows, entrance fee \$3, annual dues \$1; Associates. Total membership 620. List of members in Proceedings.

Meetings: Annual.

Research funds, medals, etc.: The American Association for the Advancement of Science refunds fifty cents for each Academy member who is also an Association member; this is devoted to the extension of scientific work in Iowa.

Publications: Proceedings, annual, 1- , 1887-

653. Iowa Engineering Society. 517 Old Colony Building, Des Moines, Iowa. *President:* F. M. Dawson, State University of Iowa, Iowa City, Iowa. *Secretary:* L. L. Flint. Term of President, elected for one year, expires 1942; Secretary, appointed annually.

History: Organized January 9, 1889, at Des Moines, as the Iowa Society of Civil Engineers and Surveyors, by the amalgamation of the Surveyors and Civil Engineers Association of Iowa, organized 1885, and the Iowa Society of Civil Engineers, organized 1886; incorporated 1896 under present name. *Sections:* Mechanical-Electrical, Highway, Flood Control and Soil Conservation, Structural-Architectural, Municipal Engineering and City Planning. *Reference:* The Early History of Iowa Engineering Societies, by T. J. Fitzpatrick and S. Dean, Proceedings, 1905: 147-167.

Object: The advancement of engineering knowledge; the maintenance of a high standard of ethics in the practice of the profession; the fostering of a high quality of civic and public service; and the advancement of the legal status, economic welfare, and professional development of engineers, both members and non-members.

Membership: Members and Associate members, annual dues \$12.

Meetings: Annual.

Publications: Exponent, monthly, 1940-1941, price \$5, free to members.

654. Iowa Public Health Association. *President:* Harry H. Ennis, Decorah, Iowa. *Secretary:* Carl F. Jordan, Iowa State Department of Health, Des Moines, Iowa. Officers elected for one year; terms expire 1942.

History: Founded January, 1926, as the Iowa Municipal Health Officers Organization; name changed to present title in 1927.

Object: To safeguard and promote the personal and public health of the residents of Iowa.

Membership: Active, Associate, Group, and Honorary members; entrance fee \$1, annual dues \$1. Total membership 150.

Meetings: Annual, usually in Des Moines.

655. Iowa State Horticultural Society. State House, Des Moines, Iowa. *President:* Victor Felter, Indianola, Iowa. *Secretary:* R. S. Herrick. Term of President expires November, 1942; of Secretary, April, 1943.

History: Organized June 26, 1866. *Sections:* Iowa Beekeepers' Association, Iowa Fruit Growers' Association, Society of Iowa Florists, Iowa Greenkeepers' Association, Iowa Nurserymen's Association, Iowa State Vegetable Growers' Association, Iowa Gladiolus Society, Iowa Rose Society, and the Federated Garden Clubs of Iowa.

Object: The promotion and encouragement of horticulture and related fields by the collection and dissemination of information.

Membership: Members, annual dues \$1; Life, \$10; Affiliate, dues vary.

Meetings: Annual.

Library: 5,500 volumes on horticulture, entomology, apiaries, forestry, botany, and allied subjects.

Publications: Transactions, annual, 1-75, 1866-1941, price \$1, free to members.

656. Iowa State Medical Society. 505 Bankers Trust Building, Des Moines, Iowa. *President:* E. B. Bush, Ames, Iowa. *Secretary:* Robert L. Parker. Term of President, elected for one year, expires April, 1942; of Secretary, elected for three years, April, 1942.

History: Organized June, 1850.

Object: To promote, extend, elevate, and advance medical science and medical knowledge, to advocate such measures as will improve health, to organize the medical profession, to elevate standards of medical education, and to enact and impose just medical laws.

Membership: Annual dues \$10. Total membership 2,425. List of members published in the July Journal, price \$2.

Research funds, medals, etc.: The Society sponsors the BALDRIDGE-BEYE MEMORIAL ESSAY CONTEST.

Publications: Journal, monthly, 1-32, 1911-1941, price \$3 per year, free to members.

657. Italian American Chemical Society. *President:* Jerome Alexander, 50 East 41st Street, New York, N. Y. *Secretary-Treasurer:* Genio F. Reale, Niagara Falls, N. Y.

History: Organized June 19, 1935, at a meeting held at New York University, New York, N. Y. The organization is a branch of Associazione Italiana di Chimica.

Object: To facilitate the exchange of scientific and technical information between Italy and America, and at the same time to bring into closer friendly and personal contact the chemists and industrialists of both countries.

Meetings: Owing to political conditions, the Society remains dormant, hoping for a time suitable for activity.

658. Isaak Walton League of America, Inc. Merchandise Mart, Chicago, Ill. *President:* Tappan Gregory, 19 South La Salle Street, Chicago, Ill. *Secretary:* W. D. Cox, 450 North Hoyne Avenue, Chicago, Ill. *Executive Secretary:* Kenneth A. Reid. President and Secretary elected for one year; terms expire March, 1942. Executive Secretary not elected.

History: Organized in Chicago, in 1922, by a group of fifty-four outdoor men. Named in honor of Izaak Walton because of his philosophy of outdoor living and the precepts of true sportsmanship as exemplified by him and enunciated in his writings.

Object: To develop opportunities for the enjoyment of the outdoors as an essential part of the character building and the spiritual and physical development of our people; to encourage the protection and restoration of woods, wild flowers, and wild life; to safeguard the public health and conserve aquatic life by the elimination of pollution; to conserve the water resources, to discourage unwise drainage, to promote measures for the prevention and control of floods; and to restore and transmit to posterity the outdoor America of our ancestors.

Membership: Membership in the League may be in one of the following classes: Master Chapter, \$100 annually; Supporting, \$25 annually; Honor, \$10 annually; Chapter, dues set by chapter; Member-at-Large, \$5 annually; Life, \$100.

Meetings: Annual, in Chicago.

Publications: Outdoor America, 10 issues annually, 1922-1941, price \$1, free to members; from 1933 to 1935 this magazine was known as the National Waltonian.

659. Jackson County Medical Society. 610 Argyle Building, Kansas City, Mo. **President:** A. E. Eubank, 1103 Grand Avenue, Kansas City, Mo. **Secretary:** E. Kip Robinson, 1103 Grand Avenue, Kansas City, Mo. Officers elected for one year; terms expire June 30, 1942.

History: Organized 1881. The Society is the county unit of the Missouri State Medical Association and of the American Medical Association.

Object: To promote the science and art of medicine.

Membership: Active members, annual dues \$25; Junior, \$4; Associate, \$10; Corresponding, \$10; Honorary. Entrance fee \$10. Total membership 597. List of members available for \$2.50.

Meetings: Monthly, on the fourth Tuesday.

Library: 25,000 volumes on medicine and science.

Publications: Jackson County Medical Society Weekly Bulletin, price \$2.

660. James H. Hyslop Foundation, Inc. 924 West End Avenue, New York, N. Y. **President:** Titus Bull. **Secretary:** S. D. McComb, 116 John Street, New York, N. Y. Officers elected for one year; terms expire November, 1942.

History: Organized October 21, 1927, under the Membership Corporations Law of New York.

Object: To study residual phenomena of mind in relation to psychoses.

Membership: Open to anyone interested in the work of the Foundation. Members must be elected by the Board of Directors of the Foundation. Regular members, annual dues \$10; Fellowship members, \$25; Donors, payment of \$500; Life members, \$100; Founders, \$1,000.

Meetings: Annual.

Research funds, medals, etc.: A research fund of \$30,000 in United States Bonds supports a psychic and psychological laboratory.

Publications: Reports to the Annual Meeting, free.

661. Jane Coffin Childs Memorial Fund for Medical Research. 333 Cedar Street, New Haven, Conn. **Chairman of the Board of Managers:** Frederic C. Walcott, Norfolk, Conn. **Secretary:** S. Winston Childs, Jr., 1 Wall Street, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Established June 11, 1937.

Object: To promote research into the causes, origins, and treatment of cancer.

Meetings: The Board of Scientific Advisers meets eight to ten times yearly; the Board of Managers, two or three times yearly.

Library: 250 volumes on cancer.

Research funds, medals, etc.: Research is not conducted directly by the Fund, which serves as an agency for grants-in-aid, for which \$100,000 a year is available.

662. Jesuit Seismological Association. 15 North Grand Boulevard, St. Louis, Mo. **President:** J. B. Macelwane, S. J., 15 North Grand Boulevard, St. Louis, Mo. **Secretary:** J. S. Joliat, S. J., John Carroll University, Cleveland, Ohio.

History: Organized in 1910 as the Jesuit Seismological Service; name changed to present title in 1925. **Reference:** Bulletin of the Seismological Society of America, 16: 187-193, 1926.

Object: Cooperation in the study of earthquakes.

Membership: The membership consists of Stations connected with Jesuit educational institutions in the United States. There are fourteen seismological stations and observatories in the Association. Annual dues \$100.

Meetings: Annual.

Publications: Preliminary Bulletin, irregular, 1926-1941, free to members.

663. John A. Andrew Clinical Society. John A. Andrew Memorial Hospital, Tuskegee Institute, Ala. *President:* William M. Jones, Department of Surgery, University of Chicago, Chicago, Ill. *Secretary:* John A. Kenney, Tuskegee Institute, Ala. Term of President, elected for one year, expires April, 1942; Secretary appointed for an indefinite period.

History: Organized at Tuskegee Institute in 1912 during the annual meeting of the National Medical Association.

Object: To further professional advancement in medicine and surgery.

Membership: Entrance fee \$5, annual dues \$5. Total membership 250.

Meetings: Annual, in April.

Library: 500 volumes on medicine and surgery.

Research funds, medals, etc.: C. V. ROMAN DISTINGUISHED SERVICE MEDAL, awarded by the Society.

Publications: Bulletin, annual, 1938-1941, price 20 cents, free to members.

664. John and Mary R. Markle Foundation. 14 Wall Street, New York, N. Y. *Vice President:* Archie S. Woods. *Secretary:* Florence E. Quick.

History: Created by Special Act of the New York State Legislature on March 31, 1927, with an original endowment from Mr. Markle of approximately \$3,000,000, to which he added from time to time until his death in 1933.

Object: Grants for research in the medical sciences.

Publications: Annual Report.

John Burroughs Memorial Association, Inc.
See No. 1266 in *Addenda*.

665. John Simon Guggenheim Memorial Foundation. 551 Fifth Avenue, New York, N. Y. *President:* Simon Guggenheim, 120 Broadway, New York, N. Y. *Secretary:* Henry Allen Moe.

History: Incorporated by Special Act of the Legislature of the State of New York on March 16, 1925.

Object: To promote the advancement and diffusion of knowledge and understanding and the appreciation of beauty by aiding scholars, scientists, and artists in the prosecution of their labors without distinction on account of race, color, or creed.

Meetings: Annual, in New York City; other meetings on call.

Research funds, medals, etc.: The Foundation's entire income is granted to assist scholars and artists to carry on their work.

Publications: Report of the Secretary and of the Treasurer, biennial, free.

666. Joint Council of the Associated Engineering Societies of St. Louis. Engineers' Club of St. Louis, 4359 Lindell Boulevard, St. Louis, Mo. *President:* John W. Cooper, 1598 Arcade Building, St. Louis, Mo. *Secretary:* Everett E. Carlson, 2726 Locust Street, St. Louis, Mo. Terms expire June, 1942.

History: Organized 1914 as the Associated Engineering Societies of St. Louis; name changed in 1927 to present title. The Council is composed of representatives from the Engineers' Club of St. Louis, Madison-St. Clair Chapter of the Illinois Society of Engineers, and the St. Louis Sections of American Institute of Electrical Engineers, American Institute of Mining and Metallurgical Engineers, American Society of Civil Engineers, American Society of Heating and Ventilating Engineers, American Society of Mechanical Engineers, American Society of Refrigerating Engineers, American Society of Municipal Engineers, Society of Automotive Engineers, American Institute of Chemical Engineers.

Object: To represent the engineering profession in St. Louis in matters of common interest to the various branches of engineering.

Membership: The ten member societies represent approximately 1,500 engineers.

Meetings: On call.

667. Josiah Macy, Jr. Foundation. 565 Park Avenue, New York, N. Y. *President:* Willard C. Rappleye. *Secretary:* Edwin S. Sunderland, 15 Broad Street, New York, N. Y. Officers elected for one year; terms expire November, 1942.

History: Incorporated April, 1930.

Object: To devote itself primarily to the fundamental aspects of health and of sickness, and of methods for the relief of suffering; in particular to problems in medical sciences, medical arts, and medical education which also require efforts in correlated fields such as biology and social sciences.

Meetings: Two Board meetings are held a year in April and November.

Research funds, medals, etc.: Grants are made to various universities and institutions for research projects.

668. Kalamazoo Engineering Society. *President:* C. J. Schweiss, 338 Glendale Boulevard, Parchment, Mich. *Secretary:* Robert Aldrich, 1310 Cambridge Drive, Kalamazoo, Mich. Officers elected for one year; terms expire June, 1942.

History: Organized 1929.

Object: To promote the engineering profession, to keep members posted on new ideas, and to acquaint engineers with one another.

Membership: Entrance fee \$2, annual dues \$1. Total membership 50.

Meetings: Monthly.

669. Kansas Academy of Science. *President:* F. C. Gates, Kansas State College, Manhattan, Kans. *Secretary:* John C. Frazier, Kansas State College, Manhattan, Kans. Officers elected for one year; terms expire April, 1942.

History: Organized September, 1868, as the Kansas Natural History Society; name changed in 1871 to present title. The Academy was a coordinate department of the State Board of Agriculture from 1895 to 1921. **Sections:** Botany, Chemistry, Entomology, Physics, Psychology, Zoology, Geology, Junior Academy, College Students, and Science Teachers. **References:** Historical Sketch of the Academy, Transactions, 19: 10, 1904; 33: 146-53, 1930.

Object: The advancement of science and the improvement of science teaching in Kansas.

Membership: Annual members, 607; Life, 47; Honorary, 7. Annual dues \$1. List of members published in Transactions, price \$1.

Meetings: Annual, at various colleges in the State.

Research funds, medals, etc.: ACADEMY ENDOWMENT FUND, \$4,149. ALBERT B. REAGAN ENDOWMENT FUND AWARD. AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE AWARD of \$75, which may be supplemented by \$50 from the Academy treasury.

Publications: Transactions, annual, 1-43, 1868-1941, free to members.

670. Kansas Association of Consulting Psychologists. *President:* Edwina A. Cowan, 430 South Seneca Street, Wichita, Kans. *Secretary:* Robert L. Brigden, 801 Harrison Street, Topeka, Kans. Officers elected for one year; terms expire January 1, 1942.

History: Organized 1938.

Object: To establish and maintain in Kansas standards for consulting psychologists as defined by the membership requirements; and to encourage psychological research and the application of psychological principles to problems of human behavior.

Membership: Residents of Kansas and members of the American Association for Applied Psychology. Entrance fee \$5; annual dues vary. Total membership 10.

Meetings: At least two meetings a year, at various places.

671. Kansas Engineering Society. *President:* Rollin J. Smith, 2531 West 50th Street, Kansas City, Kans. *Acting Secretary-Treasurer:* Zint E. Wyant, Sr., 2516 Maryland Avenue, Topeka, Kans. Officers elected for one year; terms expire February, 1942.

History: Organized 1909; incorporated in the State of Kansas on October 27, 1915. **Sections:** Structures and Materials of Construction; Transportation; Sanitary and Water Resources; Mechanical; Mining, Oil, and Geology; Electrical. Local or technical clubs which approve the constitution and have at least five members who are full members of the Kansas Engineering Society may become District Clubs.

Object: The advancement of engineering knowledge and practice, the promotion of the welfare of members of the engineering profession, and the fostering of public movements for the development of the resources of the State of Kansas.

Membership: Members, registered professional engineers, or those who possess qualifications which entitle them to registration, entrance fee \$3, annual dues \$3; Associate members, six years' practice or two years' practice plus graduation from a recognized technical school, entrance fee \$3, annual dues \$3; Junior members, four years' practice or graduation as above, \$2, \$2; Honorary members, persons who have attained eminence in the field of engineering, architecture, or applied science. Total membership 300. List of members in Yearbook.

Meetings: Annual.

Publications: K. E. S. Bulletin, bimonthly, 1- , 1940- , free to members. Yearbook, free.

672. Kansas Entomological Society. *President:* Don B. Whelan, University of Nebraska, Lincoln, Nebr. *Secretary:* D. A. Wilbur, Kansas State College, Manhattan, Kans. Term of President, elected for one year, expires April 1, 1942; of Secretary, indefinite.

History: Organized under the leadership of the Popenoe Entomological Club, Kansas State College, and the Entomological Club, University of Kansas.

Object: To collect and publish entomological literature, chiefly of the Trans-Mississippi Valley Region.

Membership: Open to interested amateurs and professional entomologists. Annual dues \$1.50. Total membership approximately 150. List of members available for \$1.50.

Meetings: Annual, at various colleges in Kansas; occasional summer and field meetings.

Publications: Journal, quarterly, 1-14, 1925-1941, price \$1.50.

673. Kansas Geological Society. Room 412, Union National Bank Building, Wichita, Kans. *President:* George D. Putnam, 301 South Market Street, Wichita, Kans. *Secretary:* Z. E. Stucky, 1020 Central Building, Wichita, Kans. Officers elected for one year; terms expire December, 1942.

History: Organized 1920 as the Wichita Geological Society; name changed in 1924 to present title; chartered April 15, 1925.

Object: The promotion of the science of geology among men engaged in the geology of petroleum and gas in the State of Kansas and the surrounding territory.

Membership: Open to those engaged in geology or to those eligible for membership in the American Association of Petroleum Geologists. Annual dues \$2. Total membership 185. List of members available.

Meetings: Monthly, on the first Tuesday, at the Science Building, University of Wichita.

Publications: Field Conference Guide Book, annual, 1-15, 1927-1941, price \$5 to \$10.

674. Kansas Medical Society. 406 Columbian Building, Topeka, Kans. *President:* Clyde D. Blake, Hays, Kans. *Executive Secretary:* C. G. Munns. Term of President, elected for one year, expires 1942.

History: Incorporated February 10, 1859.

Object: To federate and bring into one compact organization the entire medical profession of the State of Kansas; and to extend medical knowledge and advance medical science.

Membership: Composed of members of the component societies.

Meetings: Annual, at various places.

Publications: Journal, 1- , 1901- .

675. Kansas Pharmaceutical Association. 824 Kansas Avenue, Topeka, Kans. *President:* Stanley Bottomley, 3118 Strong Street, Kansas City, Kans. *Secretary:* Mrs. C. B. Miller. Officers elected for one year; terms expire May, 1942.

History: Incorporated 1880.

Object: To promote the science and art of pharmacy.

Membership: Open to registered druggists. Proprietors, annual dues \$12; Clerks, \$2. Total membership 1,000. List of members available for \$10.

Meetings: Annual.

Publications: K. P. A. News, monthly, 1-14, price \$1, free to members.

676. Kansas State Horticultural Society. State House, Topeka, Kans. *President:* J. Homer Sharpe, Council Grove, Kans. *Secretary:* George W. Kinkead. Officers elected for two years; terms expire December, 1942.

History: Organized 1869.

Object: To advance horticulture, and to encourage and promote more beautiful home surroundings.

Membership: Annual members, annual dues \$1; Life, \$5. Total membership 244.

Meetings: Annual, at place selected by the Executive Committee.

Library: 1,000 volumes.

Publications: Transactions, biennial, 1871-1941, free to members.

677. Kappa Delta Pi. Heidelberg College, Tiffin, Ohio. *President:* T. C. McCracken, Ohio University, Athens, Ohio. *Secretary:* E. I. F. Williams. Officers elected for two years; terms expire February, 1942.

History: Organized March 8, 1911, as the Illinois Education Club; name changed June 8, 1911, to present title. *Reference:* History of Kappa Delta Pi, published by the Macmillan Company.

Object: To encourage high intellectual and scholastic standards and to recognize outstanding contributions to education.

Membership: Open to undergraduates, graduates, faculty, and alumni of institutions with chapters. Junior collegiate standing, scholarship above the upper quartile of school; Junior standing, six hours of education work; Senior standing, twelve hours of education work. National fee \$6.50; annual dues \$1.50 domestic, \$2 foreign. Total membership, approximately 50,000.

Meetings: Biennial, at various places.

Research funds, medals, etc.: Research award. Kappa Delta Lecture Series.

Publications: Kadelphian Review, 1920-1936; name changed to Educational Forum, quarterly, 1-5, 1936-1941, price \$2, \$1.50 to members.

678. Kentucky Academy of Science. University of Kentucky, Lexington, Ky. *President:* G. B. Pennebaker, Morehead State Teachers College, Morehead, Ky. *Secretary:* Alfred Brauer. Officers elected for one year; terms expire May, 1942.

History: Organized May 8, 1914, at the University of Kentucky. *Sections:* Biology, Chemistry, Physics, Geology, Psychology, and Philosophy.

Object: To encourage scientific investigation, to promote diffusion of knowledge, and to unify the efforts of the scientific talent of the State.

Membership: Members; Corresponding, Honorary, and Emeritus members. Annual dues \$2.

Meetings: Annual, at various educational institutions of the State.

Research funds, medals, etc.: KING AWARD, \$50, annual, for the most meritorious paper. An allotment is received from the American Association for the Advancement of Science.

Publications: Transactions. Beginning with 1942, the Transactions are to be issued quarterly as a journal.

679. Kentucky Pharmaceutical Association. Frankfort, Ky. *President:* Cyril Duncan, Franklin, Ky. *Secretary:* E. M. Josey. Officers elected for one year; terms expire June, 1942.

History: Organized 1878; incorporated 1888.

Object: To unite and promote the interests of the pharmacists of Kentucky.

Membership: Annual dues \$2. Total membership approximately 1,600.

Meetings: Annual.

Publications: Kentucky Pharmacists, monthly, free to members.

680. Kentucky Psychological Association. *President:* Milton B. Jensen, Breslin Building, Louisville, Ky. *Secretary:* Nancy T. Collins, Board of Education, Louisville, Ky. Term of President, elected for one year, expires May, 1942; of Secretary, elected for three years, 1944.

History: The Association has been in existence for twenty years and was reorganized in 1941.

Object: To advance the profession of psychology in Kentucky.

Membership: Members and Associates. Annual dues 50 cents. List of members available.

681. Kentucky Society of Professional Engineers. Engineering Building, University of Kentucky, Lexington, Ky. *President:* James B. Wilson, City Hall, Louisville, Ky. *Secretary:* C. S. Crouse. Officers elected for one year; terms expire January, 1943.

History: Organized 1934.

Object: The advancement of the science of engineering in its several branches, and the professional improvement and welfare of its members.

Membership: Members and Associates. Entrance fee \$3, annual dues \$2.50. Total membership 315. List of members available.

Meetings: Annual, at various places.

Publications: Kentucky Engineer, quarterly.

682. Kentucky State Medical Association. 620 South Third Street, Louisville, Ky. *President:* E. L. Henderson, Francis Building, Louisville, Ky. *Secretary:* A. T. McCormack. Term of President, elected for one year, expires September, 1942; of Secretary, elected for two years, September, 1943.

History: Organized 1851 as the Kentucky State Medical Society; name changed to present title in 1903. The Association owns the McDowell-Irvine Memorial Hospital at Danville, Ky., which is at present being used by the U. S. Public Health Service for the care of cases of trachoma.

Object: The extension of medical knowledge and the advancement of medical science.

Membership: Annual dues \$5. Total membership 1,840.

Meetings: Annual.

Publications: Transactions, 1851-1879, 1891-1903. Kentucky Medical Journal, 1-39, 1903-1941, price \$5, free to members.

683. Keramos. *President:* R. F. Sherwood, 10 East 40th Street, New York, N. Y. *Secretary:* Lane Mitchell, Ceramic Engineering Department, Georgia School of Technology, Atlanta, Ga. Officers elected for two years; terms expire April, 1942.

History: Beta Pi Kappa was organized in 1902 at the Ohio State University; Keramos was organized at the University of Illinois, February 10, 1915; the two societies merged February 10, 1932. *Reference:* History of Keramos, by A. F. Greaves-Walker.

Object: To promote professional ethics and friendship among ceramists, and to further advance their interests.

Membership: Active and Honorary members. Entrance fee \$5. Total membership 734.

Meetings: Annual meeting held in conjunction with the American Ceramic Society; chapters meet more frequently; a Biennial Conference is held to transact business.

684. Knox Academy of Arts and Sciences. Thomaston, Me. *President:* Henry Cole. *Secretary:* Norman W. Lermond. Officers elected for four years.

History: Organized 1913; incorporated 1914.

Object: To promote the study of natural science and art.

Membership: Active members, annual dues \$2; Associate, \$1; Contributing, \$5; Sustaining, \$10; Life, \$25 and no dues. Total membership 75.

Meetings: Annual field meeting.

Library: Works on nature.

Publications: Maine Naturalist, 1-10, no. 3, 1921-1930.

685. Lake Superior Mining Institute. Ishpeming, Mich. *Secretary:* Charles J. Stakel.

History: Organized 1893.

Object: To promote the arts and sciences of the production of useful minerals and metals in the Lake Superior region.

Membership: Entrance fee \$5; annual dues \$5.

Meetings: Every three years at various ranges in the Lake Superior region.

Publications: Proceedings, 1-30, 1893-1939, free to members.

686. Lalor Foundation, Inc. Lancaster Pike and Old Baltimore Road, Wilmington, Del. *Director:* C. Lalor Burdick.

History: Incorporated August 27, 1935, under the laws of the State of Delaware. The capital funds for carrying on the operations were contributed by members of the Lalor family.

Object: The promotion and support of purely scientific research. The program at present is limited to research in the various fields of chemistry.

Meetings: Annual meeting of Board of Trustees on the Thursday following May 15 in each year.

Membership: A board of seven trustees supervises and manages the activities of the Foundation.

Research funds, medals, etc.: The Foundation maintains each year from six to eight fellowships of \$2,000 each for advanced work in chemistry. Since its organization in 1935 there have been thirty fellowships awarded, comprising grants to a total amount of \$63,500.

687. Lansing Engineers Club. *President:* I. H. Gronseth. *Secretary:* B. C. Fowler, 116 East Ottawa Street, Lansing, Mich. Officers elected for one year; terms expire December, 1941.

History: Organized 1927.

Membership: Entrance fee \$1, annual dues \$1. Total membership 200.

Meetings: Monthly.

688. Lead Industries Association. 420 Lexington Avenue, New York, N. Y. *President:* Clinton H. Crane. *Secretary:* Felix E. Wormser. Officers elected for one year; terms expire 1942.

History: Organized November, 1928.

Object: To collect and publish statistical information relating to the production, distribution, marketing, consumption, and use of lead and lead products; to disseminate accurate information regarding lead products and how best they may be used; and to develop methods for the improvement of the welfare of those engaged in the lead industries, or in the use of its products.

Membership: Any individual, company, firm, corporation, or other form of enterprise engaged in the lead industry in the United States. Annual dues based on tonnage of lead mined, smelted and refined, or manufactured. Total membership 56. List of members available.

Meetings: Annual; Directors' meetings held quarterly.

Library: About 500 volumes on production and utilization of lead.

Publications: Lead, bimonthly, 1-11, 1930-1941, free. Plumbers' Lead Forum, bimonthly, 1-5, 1937-1941, free.

689. Leonard Wood Memorial for the Eradication of Leprosy (American Leprosy Foundation). 41st Floor, 1 Madison Avenue, New York, N. Y. *President:* Perry Burgess. *Secretary:* H. L. Elias.

Object: The scientific study of leprosy.

Meetings: The Board of Trustees meets annually; the Executive Committee meets on the second Monday of alternate months beginning with February; the Medical Advisory Board has an annual meeting on the third Tuesday in February and on call.

Research funds, medals, etc.: Capital income and annual gifts. Laboratories are maintained at Culion, P. I.

Publications: The Memorial subsidizes the International Journal of Leprosy, published quarterly, 1-9, 1933-1941, price \$5.

690. Lifwynn Foundation for Laboratory Research in Analytic and Social Psychiatry. 27 East 37th Street, New York, N. Y. *President:* Clarence Shields. *Secretary:* Hans Syz. Officers elected for one year; terms expire October, 1941.

History: Incorporated August, 1927, in Maryland; registered in New York February, 1928, and in Connecticut November, 1928.

Object: To establish and support research in disorders of behavior, both individual and social.

Membership: Active members, 13, annual dues \$10; Associate, 1, \$5; Contributing.

Meetings: Annual, at headquarters.

Library: Reference library for the use of the members of the scientific staff.

Research funds, medals, etc.: The main income consists of contributions from the members for research work in the field of physiology.

691. Limnological Society of America. *President:* George L. Clarke, Harvard University, Cambridge, Mass. *Secretary:* Paul S. Welch, University of Michigan, Ann Arbor, Mich. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1944.

History: Founded January, 1935.

Object: To promote the interests of limnology.

Membership: Annual dues \$1. Total membership 375. List of members available for 25 cents.

Meetings: Annual, usually with the Christmas meeting of the American Association for the Advancement of Science.

Publications: Special Publications, irregular, 6 issued to date, free to members.

692. Linguistic Society of America. *President:* Hans Kurath, Brown University, Providence, R. I. *Secretary:* J. M. Cowan, University of Iowa, Box 111, Iowa City, Iowa. Officers elected for one year; terms expire December, 1942.

History: Founded December 28, 1924.

Object: The advancement of the scientific study of language.

Membership: Active members, 560, annual dues \$5; Life members, 6, \$100 in one payment in addition to dues of current year, less half the annual dues already paid; Benefactors, 3, payment at one time of not less than \$250 including dues of current year; Honorary members, 24, not over 25 in all and not over 3 elected in one year by recommendation of the Executive Committee and five-sixths vote of Society at the annual meeting, exempt from dues; Subscribing members, 152, libraries or institutions, annual dues \$5. Entrance fee of \$5, including dues of first year of membership. List of members in Bulletin with Proceedings of annual meeting, price 50 cents.

Meetings: Annual, at various places.

Publications: Language, quarterly, 1-17, 1925-1941, price \$5, free to members. Language Monographs, occasional, 1-20. Language Dissertations, occasional, 1-33. Bulletins, occasional, 1-14. The Monographs, Dissertations, and Bulletins are separately priced, but free to members, being included in the annual subscription.

693. Linnaean Society of New York. American Museum of Natural History, New York, N. Y. *President:* C. K. Nichols, 212 Hamilton Road, Ridgewood, N. J. *Secretary:* Margaret Brooks, 191 Shore Road, Old Greenwich, Conn. Officers elected for one year; terms expire March, 1942.

History: Organized March 7, 1878.

Object: The study of vertebrates, and in particular of birds, and the furtherance of general interest in natural history.

Membership: Active members, annual dues \$3; Associate, \$1; Life; Honorary; Fellow. Total membership 200. List of members in Proceedings, price 75 cents.

Meetings: Semimonthly, the second and fourth Tuesdays, October to May, at the American Museum of Natural History.

Library: Current ornithological periodicals.

Research funds, medals, etc.: CHARLES A. URNER MEMORIAL FUND, for the promotion of field ornithology in New Jersey, New York, and Connecticut, and for publication of studies made in these areas. LINNAEAN PRIZE FOR ORNITHOLOGICAL RESEARCH, \$25 awarded annually to that member of the Society who submits the best paper embodying the results of ornithological research not previously published and

not undertaken in the course of professional duties.

Publications: Transactions, irregular, 1-5, 1882-1939, prices vary, free to members. Proceedings, annual, 1-51, 1888-1940 (formerly Abstracts of the Proceedings), price 75 cents, free to members.

694. Lithographic Technical Foundation, Inc. 220 East 42nd Street, New York, N. Y. *President:* Alfred B. Rode. *Secretary:* William Ottmann.

History: A cooperative institution, incorporated in Delaware, 1924. *References:* Lithographic Technical Foundation, by R. V. Mitchell, National Lithographer, 47, no. 7, 30, July, 1940; The Lithographic Research Laboratory, Lithographers Journal, 22: 435-6, 1938.

Object: To conduct and promote technical research and education in the lithographic industry throughout the United States and Canada.

Membership: Annual members, annual dues \$100; Sustaining, \$250; Founder, fee of \$25,000, Benefactor, \$10,000; Life members \$5,000; Associate, \$1,000.

Meetings: Annual, in April.

Library: 1,000 volumes on lithographic and allied industries and related subjects.

Research funds, medals, etc.: A laboratory is maintained at the University of Cincinnati.

Publications: Research and Technical Bulletins, irregular, 1-12, 1925-1941, separately priced.

695. Little Rock Engineers Club. *President:* W. W. Mitchell, Capitol Hill Apartments, Little Rock, Ark. *Secretary:* Fred J. Herring, 3820 Compton Street, Little Rock, Ark. Officers elected for one year; terms expire April, 1942.

History: Organized February, 1920.

Object: To promote the profession of engineering, to discuss engineering problems, and to endorse or reject propositions involving engineering principles.

Membership: Engineers, architects, and affiliated professions. Annual dues \$1. Total membership approximately 100. List of members available.

Meetings: Every Saturday, except during July and August, at the Frederica Hotel.

Library: 300 volumes covering branches of engineering.

696. Long Island Biological Association, Inc. Cold Spring Harbor, N. Y. *President:* Robert Cushman Murphy, American Museum of Natural History, New York, N. Y. *Secretary:* Charles B. Davenport.

History: Organized 1890 as the Biological Laboratory of the Brooklyn Institute of Arts

and Sciences; name changed 1923 to present title.

Object: The advancement of biology.

Membership: Founders, \$5,000; Patrons, \$500; Sustaining members. Total membership 250. List of members in Annual Report.

Meetings: Annual, at Cold Spring Harbor.

Library: Approximately 2,000 volumes and 25,000 reprints on physiology, biochemistry, and biophysics.

Research funds, medals, etc.: The following grants were made to the Association in 1940: \$2,000 to the work of the Laboratory; \$1,250 from the Wawepex Society, in addition to \$250 for the John D. Jones Scholarship. The following scholarships are also awarded annually: the Dorothy Frances Rice Scholarship; the Temple Prime Scholarship.

Publications: Cold Spring Harbor Symposia in Quantitative Biology, annual, 1933-1940, price \$4.50. Annual Report, free. Annual Announcement, free.

697. Los Angeles County Museum of History, Science, and Art. Exposition Park, Los Angeles, Calif. *Director:* Roland J. McKinney.

History: Organized 1910 as the Museum of History, Science, and Art; name changed 1939 to present title.

Object: The collection, conservation, study, interpretation, and exhibition of museum specimens.

Membership: Museum Patrons Association. Total membership about 300. List of members available for \$5.

Meetings: Monthly, at the Museum.

Library: 25,000 volumes on history, science, and art.

Research funds, medals, etc.: A laboratory is maintained for work in taxidermy, entomology, and paleontology. Daily lectures are given.

Publications: News Record.

698. Los Baños Biological Club. Agricultural College, Los Baños, Laguna, P. I. *President:* Silverio Cendaña. *Secretary:* Valeriano C. Calma.

History: Organized November 15, 1923.

Object: To foster investigations and studies in biology.

Membership: All of those engaged in teaching the different branches of science are qualified for membership.

Meetings: Monthly, except during the summer.

Publications: The papers read in the scientific meetings are published in the Philippine Agriculturist and other scientific journals in the Philippines.

699. Louisiana Academy of Sciences. *President:* William H. Gates, Louisiana State University, Baton Rouge, La. *Secretary:* St. John P. Chilton, Louisiana State University, Baton Rouge, La. Officers elected for two years; terms expire 1943.

History: Organized 1927 at Shreveport, La. *Sections:* Biological, Physical, Social, and Junior Academy.

Object: To unite the scientists of the State, to foster scientific development, and to encourage scientific research.

Membership: Members and Honorary members. Annual dues \$1. Total membership 272. List of members available for \$1.

Meetings: Annual, in the spring.

Library: A general library in science is maintained.

Research funds, medals, etc.: A grant of \$25 is made annually to the Academy by the American Association for the Advancement of Science. **JUNIOR ACADEMY PRIZES**, amounting to \$10 annually.

Publications: Proceedings, annual, 1928-1941, price \$1, free to members.

700. Louisiana Engineering Society. 422 St. Charles Hotel, New Orleans, La. *President:* C. Glenn Cappel, 833 Howard Avenue, New Orleans, La. *Secretary:* J. K. Mayer, P. O. Station 20, New Orleans, La. Officers elected for one year; terms expire January, 1943.

History: Organized 1898. *Section:* Baton Rouge.

Object: The professional improvement of members, the encouragement of social intercourse among engineers and men of practical science, and the advancement of engineering.

Membership: Members, annual dues \$10 local, \$6 non-resident; Affiliate, \$10, \$6; Junior, \$5, \$3; Student, \$1. Total membership 540. List of members available for 20 cents.

Meetings: Annual, in January; monthly, at the St. Charles Hotel.

Library: A general library of 500 volumes is maintained.

Publications: Proceedings, published 6 times a year, 1-27, 1915-1941, price \$2, free to members.

701. Louisiana State Horticultural Association, Inc. *President:* Dan A. Newsham, 112 City Park Avenue, New Orleans, La. *Secretary-Treasurer:* George P. Dupuy, 1838 Cambonne Street, New Orleans, La. Terms expire May, 1942.

History: Organized May 25, 1939.

Object: To advance, foster, promote, and encourage by mutual assistance and cooperation the intellectual, social, and business interests of the members in floriculture and ornamental horticulture in Louisiana.

Membership: Annual, Life, and Honorary members. Annual dues \$3. Total membership 257.

Meetings: Annual, in May. Four or five Board meetings annually.

702. Louisiana State Medical Society. 1430 Tulane Avenue, New Orleans, La. **President:** King Rand, Alexandria, La. **Secretary:** P. T. Talbot. Term of President, elected for one year, expires April, 1942; of Secretary, elected for two years, April, 1942.

History: Organized January 14, 1878.

Object: To federate and bring into one compact organization the entire medical profession of the State of Louisiana, to unite with similar associations in other states to form the American Medical Association, to promote friendly intercourse among physicians, to guard and foster their material interests, and to enlighten and direct public opinion in regard to the great problems of state medicine.

Membership: Active, Intern, Honorary, Inactive members, and Members at large. Annual dues \$7.50. Total membership 1,584.

Meetings: Annual, at place selected by House of Delegates.

Research funds, medals, etc.: MEDICAL DEFENSE FUND, for the protection and defense of members. WALTER REED MEMORIAL.

Publications: New Orleans Medical and Surgical Journal, monthly, 1-93, 1844-1941, price \$3, free to members.

Lowell Society for Dental Research. See Harriet Newell Lowell Society for Dental Research.

Macy Foundation. See Josiah Macy, Jr. Foundation.

703. Mahoning Valley Academy of Sciences. Youngstown, Ohio. **President:** R. C. McBride, 1533 Elm Street, Youngstown, Ohio. **Secretary:** Nora Kennedy, 97 Parkgate Avenue, Youngstown, Ohio. Officers elected for one year; terms expire December, 1942.

History: Organized December, 1938.

Object: To exchange information and enable members to meet socially.

Membership: Active members, 29; Associate, 1. Annual dues \$1.

Meetings: Eight meetings a year at Youngstown College.

Research funds, medals, etc.: A varying amount is awarded annually for achievement in scientific research or teaching.

704. Maine Association of Engineers. **President:** Frank C. Bowler, Millinocket, Me.

Secretary: Bryant L. Hopkins, Bangs Station, Waterville, Me. Officers elected for one year; terms expire February, 1942.

History: Organized January 17, 1911, as the Maine Society of Civil Engineers; name changed later to present title.

Object: The professional improvement of its members, the encouragement of social intercourse among engineers and men of practical science, and the advancement of engineering.

Membership: Members, Associates, annual dues \$4; Honorary members. Total membership about 300.

Meetings: Annual.

Publications: Journal, biennial, 1911-1941, free to members.

705. Maine Medical Association. 142 High Street, Portland, Me. **President:** P. L. B. Ebbett, Houlton, Me. **Secretary:** Frederick R. Carter, Augusta, Me. Officers elected for one year; terms expire June, 1942.

History: Organized 1852.

Object: To promote the science and art of medicine, the protection of public health, and the betterment of the medical profession; and to unite with similar organizations in other States and Territories of the United States to form the American Medical Association.

Membership: Members shall be affiliated with one of the component county medical societies, and have been certified to the headquarters of the Association. Active members, annual dues \$8; Honorary members. Total membership 697. List of members available.

Meetings: Semiannual: a fall clinical meeting is held at a Maine medical center, and a spring annual meeting is held at a summer resort.

Research funds, medals, etc.: THAYER LIBRARY FUND.

Publications: Journal, monthly, 1910-1941, price \$2, free to members. Name changed from Maine Medical Journal, January, 1939.

706. Maine Pomological Society. **President:** Arthur N. Blanchard, Cumberland Center, Me. **Secretary:** E. L. White, Bowdoinham, Me. Officers elected for one year; terms expire January 31, 1943.

Object: To teach progressive methods in fruit raising and marketing.

Membership: Members are fruit growers, annual dues \$1. Total membership 165. List of members available.

Meetings: Annual.

Publications: Annual Report, free to members.

707. Malt Research Institute. Agronomy Building, Madison, Wis. **Chairman, Executive**

Committee: Christ Kurth, Jr., Kurth Malt-ing Company, Milwaukee, Wis. **Secretary:** L. M. Josephson, P. O. Box 2039, Madison, Wis. Officers elected for an indefinite period.

History: Organized April, 1939.

Object: To conduct research on the produc-tion and utilization of barley malt.

Membership: Membership is composed of companies and associations of the various indus-tries interested in the production and use of barley malt. The organization operates on an annual budget of \$15,000, which is subscribed to by the associations and companies of the various industries.

Meetings: Meetings are held whenever the Executive Committee deems it necessary to con-duct business.

Research funds, medals, etc.: The entire budget is devoted to research studies.

708. Manila Medical Society. Colegio Medico-Farmacutico Building, 879 Lepanto, Manila, P. I. **President:** Januario Estrada, 1105 Taft Avenue, Manila, P. I. **Secretary:** Carmelo P. Jacinto, 1020 Don Quixote, Manila, P. I. Officers elected for one year; terms expire January, 1942.

History: Founded 1902, but formally organ-ized on September 15, 1903, by the different elements of the medical community in the city of Manila. It originated what is at present known as the Philippine Islands Medical As-sociation, organized as the Philippine Medical Association, affiliated with the American Medical Association. It also organized different branches or societies in different provinces of the islands more or less after the pattern of the American Association. In November, 1936, it merged with the Colegio Medico-Farmacutico de Filipinas.

Object: To promote the advancement of medicine and its collateral sciences, to cultivate a better understanding among the members of the medical profession and safeguard their best interests, to maintain high standards of medical education, to aid in the enactment and improve-ment of adequate medical laws, and to appreciate better the significance and nature of the mutual duties and responsibilities between the medical profession and the community.

Membership: Physicians legally qualified to practice medicine in the Philippine Islands. Resident members, those actually residing in the islands; Non-resident, those who temporarily leave the islands; Associate, persons who hold degrees in any science, or scientific research workers who are residents of the Philippine Islands; Honorary, elected at any annual meet-ing by a vote of three-quarters of the members present, not more than one elected at any one meeting. Annual dues \$12.

Meetings: Monthly, the second Tuesday of each month at the time and place designated by

the President. The November meeting is the annual meeting.

Publications: Bulletin of the Manila Medical Society, 1-5, 1909-1913. The proceedings and papers are now published by the Journal of the Philippine Islands Medical Association, and some in the Revista Filipina de Medicina y Farmacia.

709. Manila Pharmaceutical Society. 879 Le-panto, Manila, P. I. **President:** Patrocinio Valenzuela. **Secretary:** Alfredo C. Santos.

History: Founded on December 7, 1936, as the New Pharmaceutical Section of the Colegio Medico-Farmacutico de Filipinas.

Object: To advance pharmacy and the allied sciences, to cultivate a better understanding among the members of the pharmaceutical pro-fession and safeguard their best interests, to help maintain high standards of pharmaceutical education, to work for the publication of a Philippine Pharmacopoeia, to aid in the enact-ment and enforcement of adequate pharmaceuti-cal laws, and to appreciate better the significant nature of the mutual duties and responsibilities between the pharmaceutical profession and the community.

Membership: Active members, pharmacists residing in the Philippine Islands; Active resi-dent, those actually residing in the Philippines; Active non-resident, those who temporarily leave the islands; Associate member, under-graduate students of pharmacy who are residents of the Philippines, no voting privileges; Honorary, elected at annual meeting by a vote of three-quarters of the members present, one only elected at any one meeting. Active members, annual dues \$5; Associates, \$2.50.

Meetings: Monthly, the second Monday eve-ning of each month. The December meeting is the annual meeting.

Publications: Revista Filipina de Medicina y Farmacia, monthly, 1-32, 1910-1941.

710. Manufacturing Chemists' Association of the United States. 608 Woodward Building, Washington, D. C. **President:** Lamont duPont, E. I. duPont de Nemours and Com-pany, Inc., Wilmington, Del. **Secretary:** Warren N. Watson. Term of President, elected for three years, expires June, 1942.

History: Established May, 1872.

Object: The promotion of the general and special interests of the chemical industry.

Membership: Manufacturers of chemicals, whose principal plants are located in the United States, and who are citizens of the United States, whether individuals, firms, or partnerships; Companies, the majority of whose stock is owned by the citizens of the United States. Entrance fee \$100, annual dues \$75. Total membership 90.

Meetings: Annual, held in the vicinity of New York in early June.

Research funds, medals, etc.: Research on containers and transportation of hazardous articles is sponsored by the association.

Publications: Annual Report of the Executive Committee. Technical and Safety Manuals on Industrial Chemicals and Containers, 27 issued to date.

711. Marine Biological Laboratory. Woods Hole, Mass. *President:* F. R. Lillie, 5801 Kenwood Avenue, Chicago, Ill. *Director:* Charles Packard, Columbia University, New York, N. Y.

History: Incorporated 1888.

Object: The promotion of biological research.

Membership: Regular members, 335; Life, 28; annual dues \$6.

Meetings: Annual, the second Tuesday in August, in Woods Hole, Mass.

Library: 48,000 volumes and 117,000 reprints on biology and related subjects. The library is combined with the Woods Hole Oceanographic Institution.

Research funds, medals, etc.: Approximately \$1,100,000 is used as a research fund. One lecture is given weekly throughout the summer.

Publications: Biological Bulletin, bimonthly, 1-80, 1899-1941, price \$9, free to members.

Markle Foundation. See John and Mary R. Markle Foundation.

712. Maryland Academy of Sciences. 2724 North Charles Street, Baltimore, Md. *President:* Sebastian Karrer, 120 C Street, N. W., Washington, D. C. *Director:* J. Wallace Page, Jr.

History: Founded 1797; incorporated 1821 as the Maryland Academy of Sciences and Literature; reincorporated 1866 under present title. The Junior Academy of Sciences of Maryland was established in 1941.

Object: The advancement of science and the application and interpretation of science to increase the power and widen the intellectual horizons of the citizens.

Membership: Resident members, annual dues \$5; Non-resident, \$2.50; Junior, \$2. Total membership 675.

Library: 2,000 volumes on general scientific subjects.

Publications: Science for the Citizen, 8 issues a year, free. A summary of activities of 1940-1941 entitled "89,009," free on request.

713. Maryland Pharmaceutical Association. 2411 North Charles Street, Baltimore, Md. *President:* T. Ellsworth Ragland, 1801 Guilford Avenue, Baltimore, Md. *Secretary:*

E. F. Kelly. Terms of officers expire June, 1942.

History: Organized 1883 as the Maryland State Pharmaceutical Association; incorporated 1889 under present title. *Sections:* Professional and Commercial.

Object: To advance the science of pharmacy, to promote scientific research, to strive to have enacted just yet stringent laws to prevent the adulteration of food and medicines, and to confine the compounding and sale of medicine to regularly educated pharmacists.

Membership: Active and Associate members, annual dues \$5, except for active members who are clerks in retail drug stores who pay \$2; Life, payment of \$50 at one time; Honorary. List of members in Maryland Pharmacist.

Meetings: Annual.

Publications: Maryland Pharmacist, monthly, 1-16, 1925-1941, price \$1, free to members. Proceedings are in the November issue.

714. Maryland State Horticultural Society. College Park, Md. *President:* Stanley M. Fulton, Hancock, Md. *Secretary:* A. F. Vierheller. Officers elected for one year; terms expire January, 1943.

History: First meeting held in Baltimore, December 14, 1898; incorporated 1900.

Object: To bring fruit growers together as one organization in consideration and solution of problems common to the fruit industry, and to inform them of the latest scientific research affecting the industry.

Membership: Annual, Honorary, and Life members. Annual dues \$1. Total membership 144. List of members available.

Meetings: Annual winter meeting and summer field meeting.

Publications: Maryland Fruit Grower, monthly, 1931-1941, price \$1 a year, free to members. Proceedings, price 50 cents, free to members.

715. Massachusetts Audubon Society, Inc. *President:* Robert Walcott, Barristers Hall, Boston, Mass. *Secretary:* C. Russell Mason, 66 Newbury Street, Boston, Mass. Term of President, elected for one year, expires February, 1942; of Secretary, elected for one year, January, 1942.

History: Organized 1896. *Reference:* The story of the Audubon Society, by Winthrop Packard, Bulletin of the Massachusetts Audubon Society, December, 1921.

Object: The protection of birds and mammals.

Membership: Active members, annual dues \$2; Supporting, \$5; Contributing, \$10; Life, one payment of \$100; Patron, \$500.

Library: Approximately 550 volumes on birds, mammals, and conservation. **Sanctuaries:** The following are owned or leased: Moose Hill Sanctuary at Sharon, Mass.; Annie H. Brown Wildlife Sanctuary on Plum Island, Essex County, Mass.; John B. Paine Sanctuary (Tern Island), Chatham on Cape Cod, Mass.; Egg Island, Hyannis, Mass.; and Sampson's Island, Cotuit, Mass.

Publications: Bulletin, monthly, October to June, 1-24, 1917-1941, price \$2, free to members and on exchange.

716. Massachusetts Forest and Park Association. 3 Joy Street, Boston, Mass. **President:** William P. Wharton, Groton, Mass. **Secretary:** Harris A. Reynolds. Officers elected for one year; terms expire January, 1943.

History: Incorporated 1898 as the Massachusetts Forestry Association; name changed to present title in 1932.

Object: A voluntary organization for the protection and improvement of forests, the establishment and proper development of parks, and the preservation of natural scenery.

Membership: Annual members, annual dues \$2; Contributing, \$5; Bridle Trails member, \$5; Associate, \$10; Sustaining, \$25; Life member, payment of \$100; Patron, \$1,000. Total membership 1,500.

Meetings: Annual, the fourth Thursday in January.

Research funds, medals, etc.: PERMANENT AND RESERVE FUNDS, established by bequest and by Life and Patron members; income used for general expenses.

Publications: Forest and Park News, issued 6 or 8 times a year, free to members. Technical bulletins issued on forestry in cooperation with Harvard Forest and other agencies.

717. Massachusetts Horticultural Society. 300 Massachusetts Avenue, Boston, Mass. **President:** Edwin S. Webster, 49 Federal Street, Boston, Mass. **Secretary:** E. I. Farrington, 65 Church Street, East Weymouth, Mass. Officers elected for one year; terms expire May, 1942.

History: Organized June 12, 1829. **Reference:** History of the Massachusetts Society, by Albert Emerson Benson, 1939.

Object: The advancement of horticulture and kindred interests.

Membership: Life, Annual, Honorary, and Corresponding members. Annual dues \$3. Total membership 7,200.

Meetings: Annual.

Library: 30,000 volumes on all branches of horticulture.

Research funds, medals, etc.: JOHN A. LOWELL FUND, capital \$1,000, income used to

perfect the culture of flowers and fruits and to diffuse through the State knowledge and taste in useful and ornamental gardening. THEODORE LYMAN FUND, No. 2, capital \$10,000, the whole net income to be appropriated for the encouragement of the growth of fruits, vegetables, or plants, or of all three, by the distribution of prizes or premiums, or in the publication of useful or valuable works on the general subject of horticulture, or, if advisable, to appropriate part of the income for the promotion of horticulture. H. H. HUNNEWELL FUND, no. 1, capital \$500, income to be applied in premiums and gratuities for the introduction and cultivation of new evergreen trees and shrubs, and particularly for new varieties of hardy rhododendrons. GEORGE ROBERT WHITE MEDAL OF HONOR, capital \$10,000, the income to be devoted annually for a gold medal to be awarded to the man or woman, commercial firm or institution, in the United States or some other country, that has done the most in recent years to advance interest in horticulture in its broadest sense. JACKSON DAWSON FUND, capital \$3,227, the interest to be used for prizes, lectures, and medals, or as the trustees may direct, to commend and encourage the science and practice of hybridization and propagation of hardy woody plants. THOMAS ROLAND MEDAL FUND, capital \$3,000, the income to be used for medals offered from time to time for skill in horticulture. WILLIAM N. CRAIG FUND, capital \$2,500, for the culture of lilies, the income to be used for premiums, lectures, or for recognizing in some suitable way the work of hybridizers or collectors or for good culture in a garden or greenhouse; the award to be made in the form of cash, medals, or in what manner the Trustees may deem best. BENJAMIN V. FRENCH FUND No. 1, capital \$500, the income to be forever appropriated in prizes for the improvement of the apple. BENJAMIN H. PIERCE FUND, capital \$800, the income to be used for the introduction of new fruits. JOHN LEWIS RUSSELL FUND, capital \$1,000, the interest to be paid annually to some competent person who shall deliver a lecture on the latest discoveries of the connection of the fungi with horticulture. WILLIAM J. WALKER FUND, capital \$2,354, the income to be awarded for promoting the objects of the Society, and for encouraging the introduction and cultivation of superior vegetables.

Publications: Horticulture, semimonthly, 1-37, 1904-1923; n. s., 1-18, 1923-1941; price \$1, free to members. Yearbook, price 50 cents, free to members.

718. Massachusetts Medical Society. 8 Fenway, Boston, Mass. **President:** Frank R. Ober, 234 Marlboro Street, Boston, Mass. **Secretary:** Michael A. Tighe. Officers elected for one year; terms expire 1942.

History: Organized November 1, 1781. **Sections:** Medicine, Surgery, Pediatrics, Obstetrics and Gynecology, Radiology and Physiotherapy, and Dermatology and Syphilology. **Reference:** History of the Massachusetts Medical Society, 1781-1922, by Walter L. Burrage.

Object: The elevation of the standards of medical practice and the promotion and protection of public health.

Membership: Resident members, 5,096, annual dues \$10; Non-residents, 312, \$6; Retired, 209. Fee for examination of new entrants \$3. List of members available for \$1.

Meetings: Annual; the Council meets three times a year, and the district societies hold monthly or bimonthly meetings.

Research fund, medals, etc.: SHATTUCK FUND, for an annual lecture. An annual award is usually made to an intern offering the best case report.

Publications: New England Journal of Medicine, formerly the Boston Medical and Surgical Journal, weekly, 1-224, 1828-1941, price \$6 domestic, \$7.04 Canada, \$8.52 foreign; free to members.

719. Massachusetts Public Health Association.

President: Henry D. Chadwick, Middlesex County Sanatorium, Waltham, Mass. **Secretary:** G. Donald Buckner, 69 Coolidge Avenue, Needham, Mass. Officers elected for one year; terms expire January, 1942.

History: Founded 1890 as the Massachusetts Association of Boards of Health by public health leaders in Massachusetts; name changed later to present title. **Sections:** Board of Health, Laboratory, Child Health, and Food and Nutrition. **Reference:** A history of the Association was published at the time of the 50th anniversary.

Object: The advancement of public health, sanitation, and safety in the Commonwealth of Massachusetts, the promotion of better organization and cooperation in the local Boards of Health, the enforcement of public health laws and regulations, and the establishment of pleasant social relations among the members of the Association.

Membership: Active members, annual dues \$2; Honorary members.

Meetings: Four meetings a year; one meeting is held in conjunction with the Massachusetts Department of Public Health.

Publications: Proceedings, published 3 times a year, for the January, April, and October meetings, free to members.

720. Massachusetts Society for Mental Hygiene.

3 Joy Street, Boston, Mass. **President:** D. A. Thom, 520 Commonwealth Avenue, Boston, Mass. **Secretary:** Charles E. Thompson, Gardner State Hospital, East Gardner,

Mass. Officers elected for one year; terms expire December, 1942.

History: Incorporated March 3, 1913.

Object: To work for the conservation of mental health, to help raise the standards of care for those suffering from or in danger of mental disorder, and to familiarize the public with the methods adopted for the care and treatment of such patients.

Membership: The membership is composed of the twenty-four members of the Board of Directors.

Meetings: Annual, in January.

Library: 200 volumes on mental hygiene.

Publications: Mental Health Sentinel, quarterly, 1- , 1940- , price \$1.

721. Massachusetts Society of Clinical Psychologists, Inc.

360 Huntington Avenue, Boston, Mass. **President:** George Gardner, 38 Beacon Street, Boston, Mass. **Secretary:** Stanley G. Estes. Term of President, elected for two years, expires 1943; of Secretary, elected for two years, 1942.

History: Organized in 1933 as the Boston Society of Clinical Psychologists; incorporated under present title in April, 1941.

Object: To maintain high standards of practice, to promote scientific research, to develop new professional opportunities, and to facilitate professional fellowship in the field of clinical psychology.

Membership: Members, required to have a Ph.D. degree in psychology and four years of clinical experience; Affiliates, required to have a M.A. degree in psychology and four years' experience in a related field of applied psychology. Annual dues \$2. Total membership 32.

Meetings: Monthly, October through June.

722. Massachusetts State Engineers Association, Inc.

715 Tremont Temple, Boston, Mass. **President:** Fred L. Jackson, 100 Nashua Street, Boston, Mass. **Secretary:** J. V. Fitzmaurice. Term of President, elected for one year, expires October, 1942; of Secretary, elected for two years, October, 1942.

History: Incorporated November, 1925.

Object: To improve by any lawful and dignified means the status and condition of engineers or members of other technical or scientific professions who are in the employ of the Commonwealth of Massachusetts, and to improve the standard of efficiency and loyalty in public service in the Commonwealth.

Membership: Active members, annual dues \$4. Total membership 450. List of members in Yearbook of Engineering Societies of New England.

Meetings: Board of Directors meet monthly; the Association holds approximately four meetings a year.

Publications: A Yearbook, which includes a list of all the members of the Association, is included in the Yearbook of the Engineering Societies of New England, with which the Massachusetts State Engineers Association is affiliated.

723. Mathematical Association of America, Inc. 97 Elm Street, Oberlin, Ohio. *President:* R. W. Brink, 119 Folwell Hall, University of Minnesota, Minneapolis, Minn. *Secretary:* W. D. Cairns. Term of President, elected for two years, expires January, 1943; of Secretary, January, 1943.

History: Organized December, 1915; incorporated September 10, 1920. *Sections:* Twenty-four geographical sections.

Object: The promotion of the interests of collegiate mathematics.

Membership: Individual members, 2,187, entrance fee \$2, annual dues \$4; Institutional, 107, annual dues \$7.

Meetings: Semiannual, at some college or university.

Research funds, medals, etc.: CHAUVENET FUND, prize of \$100, awarded every third year for excellence in exposition. CARUS MATHEMATICAL MONOGRAPH FUND, capital \$7,453.

Publications: American Mathematical Monthly, 10 issues a year, 1-48, 1894-1941, price \$5, free to members and on exchange. Carus Mathematical Monographs, Nos. 1-6, price \$1.25 to members, \$2 to others.

724. Mazamas. Studios 6 and 7, Pacific Building, 520 S.W. Yamhill Street, Portland, Ore. *President:* J. Ed. Nelson. *Secretary:* Inez McCabe. Terms expire October, 1942.

History: Organized July 19, 1894; incorporated March 16, 1899.

Object: The exploration of snow peaks and other mountains, especially of the Pacific Northwest; the collection of scientific knowledge and other data concerning the same; the encouragement of annual expeditions with the above objects in view; the preservation of the forests and other features of mountain scenery as far as possible in their natural beauty; and the dissemination of knowledge concerning the beauty and grandeur of the mountain scenery of the Pacific Northwest.

Membership: Active members, 502, annual dues \$4, non-resident, \$3; Life, 108, \$50; Honorary, 6. Limited to those who have climbed to the summit of a perpetual snow capped mountain bearing at least one living glacier. List of members in Mazama.

Meetings: Annual, first Monday in October; an annual recreative and scientific excursion in the mountains, July or August.

Library: Approximately 700 volumes on mountaineering, travel, and natural science.

Research funds, medals, etc.: A small annual grant is made to a Research Committee which makes observations on glaciers, fumaroles, flora, fauna, and the climate of the north-western mountains.

Publications: Mazama, monthly, 1-23, 1896-1941, price \$1, free to members. Monthly bulletin and yearbook have same name and run in the same series of volumes; the Bulletin and Annual are \$2.

725. Mediaeval Academy of America. 1430 Massachusetts Avenue, Cambridge, Mass. *President:* J. D. M. Ford, 9 Riedesel Avenue, Cambridge, Mass. *Executive Secretary:* G. W. Cottrell, Jr. Term of President expires 1942; Secretary is appointed for an indefinite period.

History: Founded and incorporated in 1925.

Object: To conduct, encourage, promote, and support research, publication, and instruction in mediaeval records, literature, languages, arts, archaeology, history, philosophy, science, life, and all other aspects of mediaeval civilization.

Membership: Active member, annual dues \$5; Contributing member, annual dues \$10; Life member, \$100; Sustaining member, \$500; Benefactor, \$1,000; Patron, \$10,000. Total membership 1,000.

Meetings: Annual.

Research funds, medals, etc.: HASKINS MEDAL, offered annually for a distinguished publication in the field of mediaeval studies.

Publications: Speculum, a Journal of Mediaeval Studies, quarterly, 1-16, 1926-1941, price \$5; free to members.

726. Medical and Chirurgical Faculty of the State of Maryland. 1211 Cathedral Street, Baltimore, Md. *President:* R. Lee Hall. *Secretary:* Richard T. Shackelford. Terms of officers expire December, 1942.

History: Incorporated 1799. *Reference:* Centennial of the Library.

Object: To maintain a state medical association.

Membership: Total membership 1,551.

Meetings: Annual meeting held in April; semiannual meeting in the fall.

Library: Approximately 60,000 volumes on medicine and surgery.

Publications: Transactions, irregular. Bulletin, monthly, except May, June, July, August, and September.

727. Medical Association of Georgia. *President:* Allen H. Bunce, 139 Forrest Avenue, N. E.,

Atlanta, Ga. *Secretary-Treasurer*: Edgar D. Shanks, 478 Peachtree Street, N. E., Atlanta, Ga. Term of President expires May, 1942; of Secretary, May, 1945.

History: Organized 1849.

Object: To extend medical knowledge and to advance medical science.

Membership: Members, annual dues \$7; Honorary; Associate. Total membership 1,795.

Meetings: Annual.

Research funds, medals, etc.: LAMARTINE GRIFFIN HARDMAN LOVING CUP, awarded to a member for outstanding work in public health or discovery in medicine or surgery. The cup remains in the Treasury Department of the State of Georgia and is withdrawn annually to be engraved with the name of the recipient, the date, and the achievement. CRAWFORD W. LONG MEMORIAL PRIZE FOR RESEARCH WORK, awarded for the best original work accomplished by a member during the year, offered by an anonymous donor for the duration of his life.

Publications: Journal, monthly, 1-30, 1911-1941. Transactions, 1-61, 1850-1910; 1-2, 5, 1850-1854, published as Minutes of the Proceedings; 3-4, 1852-1853, as Transactions of the Medical Society of the State of Georgia; 6-9, 1855-1869, as Proceedings of the Georgia Medical Association; 20-23, 1870-1872, as Transactions of the Georgia Medical Association.

728. Medical Association of the State of Alabama. 519 Dexter Avenue, Montgomery, Ala. *President*: J. M. Mason, Birmingham, Ala. *Secretary*: Douglas L. Cannon. Term of President expires April, 1942; of Secretary, 1944.

History: Organized 1847; reorganized 1868.

Object: To organize the medical profession of the State; to promote the establishment of a high standard of professional and moral education for medical men for the purpose of protecting the people of the State against the evils of ignorance and dishonesty; to endeavor to secure the enactment of wise and just laws for ascertaining by examination the qualifications of all persons who propose to offer their services to the people of any part of the State for the purpose of treating diseases of human beings; to foster fraternal relations among the physicians of the State and thus develop a spirit of loyalty to the principles of professional ethics; and to combine the influence of the medical men of the State for the purpose of protecting their legitimate rights and of promoting the sanitary welfare of the people.

Membership: Members of county medical societies holding charters from the Association shall be, *ipso facto*, members of the Association. Annual dues \$5.

Meetings: Annual, at Birmingham, Mobile, and Montgomery, in rotation.

Publications: Journal of the Medical Association of the State of Alabama, monthly, 1-10, 1931-1941. Prior to the Journal there was an annual volume of Transactions, dating back to 1847.

729. Medical Library Association. *President*: Mary Louise Marshall, Tulane University School of Medicine Library, New Orleans, La. *Secretary*: Anna C. Holt, 25 Shattuck Street, Boston, Mass. Officers elected for one year; terms expire June, 1942.

History: Founded 1898 as the Association of Medical Librarians; name changed to present title on June 3, 1907; incorporated 1934.

Object: To foster medical and allied scientific libraries and the exchange of medical literature among its members.

Membership: Library members, 245, annual dues \$15; Professional members, 164, \$3 with Bulletin, \$2 without Bulletin; Supporting members, 137, \$5; Honorary members, 7. List of members in Bulletin.

Meetings: Annual, at place selected.

Publications: Medical Libraries, the official organ of the Association from vol. 3, 1900, to vol. 4, 1901. Bulletin of the Association of Medical Librarians, vol. 1, 1902. Medical Library and Historical Journal, the official organ of the Association, vol. 1, no. 1, January, 1905-vol. 5, no. 4, December, 1907. Bulletin of the Medical Library Association, n. s. vol. 1, July, 1911-, quarterly, price \$3, free to members.

730. Medical Society of Delaware. *President*: William Marshall, Jr., Milford, Del. *Secretary*: C. L. Munson, 1005 Jefferson Street, Wilmington, Del. Term of President, elected for one year, expires December, 1942; of Secretary, elected for six years, December, 1946.

History: Incorporated February 3, 1789.

Reference: 150th Anniversary Publication of the Society, 1939.

Object: To federate and bring into one compact organization the entire medical profession of the State of Delaware, to extend medical knowledge and advance medical science, and to elevate the standard of medical education.

Membership: Members in good standing in the component county medical societies, annual dues \$6. Total membership, about 240.

Meetings: Annual.

Publications: Delaware State Medical Journal, monthly, 1-13, 1929-1941, free to members.

731. Medical Society of New Jersey. 143 East State Street, Trenton, N. J. *President*: Thomas K. Lewis, Camden, N. J. *Secretary*: Alfred Stahl, Newark, N. J. Officers elected for one year; terms expire May 31, 1942.

History: Organized July 23, 1766, this Society is the oldest medical society in the United States; recognized by law in 1783; incorporated by act of Legislature in 1790; second act of incorporation in 1816; granted authority to grant degree of Doctor of Medicine in 1825; present charter issued in 1864.

Object: To further the interests of the medical profession and of medicine in the State.

Membership: Active members, 3,901; Associates, 151; Courtesy and Honorary. Annual dues \$16. Members must be affiliated with a county society. List of members available for \$1.

Meetings: Annual, in Atlantic City.

Publications: Journal of the Medical Society of New Jersey, 1-38, 1904-1941, price \$3.

732. Medical Society of the County of Kings and Academy of Medicine of Brooklyn, Inc. 1313 Bedford Avenue, Brooklyn, N. Y. **President:** William C. Meagher. **Secretary:** Benjamin M. Bernstein. Officers elected for one year; terms expire December, 1942.

History: Organized 1822.

Object: To provide educational opportunities for the medical profession of Brooklyn, in order that the highest possible standard of practice may be attained; to maintain a medical library; to diffuse among the people knowledge of achievements of scientific medicine; to aid and conserve the public welfare by participating in all proper civic enterprises; and to fulfill the duties of a county medical society to the profession and the public.

Membership: Active, Corresponding, Retired, Honorary, Intern, Hospital Resident, Student, and Associate members. Annual assessment. Total membership 2,983.

Meetings: An annual meeting is held in December; monthly meetings are held from October to May.

Library: 152,917 volumes on medicine and closely allied subjects. The library was established in 1844.

Research funds, medals, etc.: A laboratory is maintained for work in connection with the certification of milk.

Publications: Bulletin of the Medical Society of the County of Kings, monthly, 1-20, 1924-1941, free to members and on exchange. Annual Report issued to members only.

733. Medical Society of the County of New York. 2 East 103rd Street, New York, N. Y. **President:** Maximilian A. Ramirez, 383 Park Avenue, New York, N. Y. **Secretary:** B. Wallace Hamilton, 52 East 66th Street, New York, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized 1794 as the Medical Society of the State of New York; incorporated

1806 under the present title. The Society is a component unit of the Medical Society of the State of New York.

Object: To aid in regulating the practice of medicine and surgery in the County of New York, to secure the enforcement of laws relating thereto, and to contribute to and assist in the preservation of the public health.

Membership: Active, Associate, and Retired members. Entrance fee \$22, annual dues \$20. Total membership 5,309. List of members available in Directory, published by the Medical Society of the State of New York.

Meetings: Monthly, the fourth Monday, October through May.

Publications: New York Medical Weekly, 1-20, 1922-1941, price \$1, free to members.

734. Medical Society of the District of Columbia. **President:** Henry R. Schreiber, 1716 Rhode Island Avenue, N. W., Washington, D. C. **Secretary:** Theodore Wiprud, 1718 M Street, N. W., Washington, D. C. Term of President expires July, 1942.

History: Chartered by Acts of Congress, February 16, 1819, July 7, 1838, and May 24, 1924. Successor, 1911, to the Medical Society of the District of Columbia, founded September 26, 1817, and the Medical Association of the District of Columbia, founded January 11, 1833. **Sections:** Ophthalmology, Otology, Rhinology, and Laryngology; Neurology and Psychiatry; Pathology and Laboratory Medicine; Gastroenterology; and Pediatrics. **Reference:** History of the Medical Society of the District of Columbia, 1817-1909.

Object: To promote and disseminate medical and surgical knowledge.

Membership: Active members, reputable, legally qualified practitioners of medicine who are solely or mainly engaged in the lawful practice of medicine in the District of Columbia, 845, annual dues \$20, \$15, \$10; Life members, active members who have been on roll for a total of forty years, 60; Associate members, medical men not eligible for active membership or scientists engaged in collateral lines of research, 212, annual dues \$5; Honorary members, any physician, scientist, or other person who deserves recognition, by reason of eminent contributions to medical or collateral science or of meritorious services to the medical profession, 7.

Meetings: Wednesday evening, October to May, inclusive, excepting the last two Wednesdays in December and May, and Wednesdays falling upon a national holiday or the day before. Annual Scientific Assembly.

Library: More than 2,500 periodicals and works of reference.

Research funds, medals, etc.: The Davidson Lecture, the presentation of an essay biennially

by a physician or other scientist working in the District of Columbia, such essay to be selected by a subcommittee of the Executive Board on the basis of competition; an honorarium accompanies the award.

Publications: Transactions, 1874-1878; 1883-1885; 1896-1901. Washington Medical Annals, 1902-1919. Bulletin, The Medical Society of the District of Columbia, 1924-1931. Medical Annals of the District of Columbia, monthly, 1-10; 1932-1941, price \$2 domestic; \$2.25 Canadian; \$2.50 foreign; free to members.

735. Medical Society of the State of New York.

292 Madison Avenue, New York, N. Y.

President: Samuel J. Kopetzky, 71 East 80th Street, New York, N. Y. **Secretary:** Peter Irving. Terms expire April, 1942.

History: Organized 1807.

Object: To federate and bring into one compact organization the medical profession of the State of New York, to extend medical knowledge and advance medical science, to elevate the standard of medical education, to secure the enactment and enforcement of just medical and public health laws, to promote friendly intercourse among physicians, to safeguard the professional and economic integrity of its members and to establish and maintain them in appropriate and equitable relationship with the public, with the government, and with all agencies working in the fields of health and public welfare, and to enlighten and direct public opinion in regard to the problems of medicine and health for the best interests of the people of the State.

Membership: Active, Retired, and Honorary members. Annual dues \$10. Total membership 17,833.

Meetings: Annual, in different cities of the State.

Publications: New York State Journal of Medicine, semimonthly, 1-41, 1900-1941, price \$5, free to members. Medical Directory of New York, New Jersey, and Connecticut, annual, price \$7.50, free to members.

736. Medical Society of the State of North Carolina.

President: F. Webb Griffith, Asheville, N. C. **Secretary:** Roscoe D. McMillan, Red Springs, N. C. Term of President expires May, 1942; of Secretary, May, 1943.

History: Organized 1799. **Sections:** Geographic: ten Councilor Districts. Technical: Surgery, Practice of Medicine, Gynecology and Obstetrics, Pediatrics, Public Health and Education, Ophthalmology and Otolaryngology, and General Practice of Medicine and Surgery.

Object: To federate and bring into one compact organization the entire medical profession of the State of North Carolina, and to unite with similar organizations in other states to

form the American Medical Association, with a view to the extension of medical knowledge, the advancement of medical science, the elevation of the standards of medical education, the enactment and enforcement of just medical laws, the promotion of friendly intercourse among physicians, the guarding and fostering of their material interests, and the enlightenment and direction of public opinion in regard to the great problems of state medicine and public health, so that the profession shall become more capable and honorable within itself, and more useful to the public in the prevention and cure of disease, and in prolonging and adding comfort to life.

Membership: Fellows and Honorary Fellows. Annual dues \$8. List of members in the August issue of the North Carolina Medical Journal, price 30 cents. Total membership 1,800.

Meetings: Annual.

Research funds, medals, etc.: PRESIDENT'S MEDAL. MOORE COUNTY MEDAL AWARD, for the best paper read each year at the Annual Meeting.

Publications: North Carolina Medical Journal, monthly, 1940-1941, price \$3, free to members.

737. Medical Society of the State of Pennsylvania.

230 State Street, Harrisburg, Pa.

President: Lewis T. Buckman, 83 South Franklin Street, Wilkes-Barre, Pa. **Secretary:** Walter F. Donaldson, 8104 Jenkins Arcade, Pittsburgh, Pa. Term of President expires October, 1942.

History: Organized 1848.

Object: To make the entire medical profession of the State more useful to the public in the prevention and management of diseases, and in prolonging and adding to the comfort of life.

Membership: Members of the component medical societies, 9,450. Annual dues \$10.

Meetings: Annual, on the first Tuesday in October.

Publications: Proceedings, 1848-1850; superseded by Transactions, 1-5, 1851-1855; n. s. pt. 1-5, 1856-1860; ser. 3, pt. 1-3, 1862-1864; ser. 4, pt. 1-3, 1865-1867; ser. 5, pt. 1-2, 1868-1869; ser. 6, pt. 1-2, 1870-1871; vol. 9-27, 1872-1896; continued in Pennsylvania Medical Journal, 1-26, 1897-1923; continued as Atlantic Medical Journal, 27-32, 1923-1928; continued as Pennsylvania Medical Journal, 33-46, 1928-1941.

738. Medical Society of Virginia.

1200 East Clay Street, Richmond, Va. **President:**

Roshier W. Miller, Richmond, Va. **Executive Secretary:** Agnes V. Edwards. Officers elected for one year; terms expire October, 1942.

History: Organized 1870.

Object: To promote the science and art of medicine, the protection of public health, and the betterment of the medical profession.

Membership: Active members; Associate members, those living out of the State. Annual dues \$7. Members must be affiliates of a component society. Total membership 1,875.

Meetings: Annual.

Publications: Virginia Medical Monthly, 1-68, 1870-1941, price \$2, free to members. Transactions, 1-47, 1870-1916.

739. Mellon Institute of Industrial Research.

4400 Fifth Avenue, Pittsburgh, Pa. *Director:* Edward R. Weidlein. *Assistant Directors:* E. Ward Tillotson, William A. Hamor, Harry S. Coleman, George D. Beal, and Lawrence W. Bass. *Assistant Director and Head, Department of Research in Pure Chemistry:* Leonard H. Cretcher.

History: Founded 1913 by Andrew William and Richard Beatty Mellon; incorporated 1927. *Reference:* Industrial Fellowships, Pittsburgh, 1924.

Object: The creation of new knowledge by scientific investigation in accordance with the Institute's definite research procedure.

Library: 18,000 volumes on chemistry, chemical and physical technology, and chemical engineering.

Research funds, medals, etc.: The Institute has funds that are devoted to the prosecution of investigations not suggested by industry, but planned within the Institute and directed toward the study of more fundamental scientific problems than those usually investigated for industrial purposes. It is primarily an industrial experiment station, operated in accordance with the Industrial Fellowship System of Dr. Robert Kennedy Duncan.

Publications: Annual Report, 1-28, 1909-1941, free. Bibliographic Series. Bulletin, 1-4, 1922-1939; annual supplements are issued to numbers 1 and 2. Smoke Investigation, Bulletin, 1-10, 1912-1914. Special bulletins are issued on research results.

740. Memphis Society of Ophthalmology and Otolaryngology.

University of Tennessee and Memphis Eye, Ear, Nose and Throat Hospital, Memphis, Tenn. *Secretary:* Sam H. Sanders, 1089 Madison Avenue, Memphis, Tenn.

History: Organized September, 1915.

Object: The presentation of interesting patients, case reports, new instruments, specimens of tissues, etc.

Membership: Physicians and specialists of at least two years' experience in the diagnosis and treatment of diseases of the eye, ear, nose, and throat. Annual dues \$5. Total membership 40.

Meetings: Monthly.

Publications: Accounts of meetings, case reports, etc., are published in the Memphis and Shelby County Medical Journal. All cases pertaining to the eye are published in the American Journal of Ophthalmology.

741. Mental Hygiene Society of Maryland.

601 West Lombard Street, Baltimore, Md. *President:* Manfred S. Guttmacher, Court House, Baltimore, Md. *Secretary:* Ralph P. Truitt. Officers elected for one year; terms expire February, 1942.

History: Organized January, 1913, as the Mental Hygiene Committee; incorporated August, 1915, under present title. *Reference:* Twenty-Five Years Work, 1940.

Object: To maintain a complete psychiatric clinic for the study and treatment of all types of behavior problems in children and adults; to carry on educational work with parents, teachers, social workers, etc.; and to serve as a bureau of information on all subjects related to mental hygiene and as the out-patient psychiatric clinic of the University of Maryland.

Membership: Annual dues \$1.

Meetings: Mental Hygiene Conferences are held occasionally; the Board of Directors and the Executive Committee meet every other month.

Library: Approximately 2,000 volumes, including publications of all state societies of mental hygiene, reports and publications of many other organizations in social work, and reprints of articles by psychiatrists, sociologists, etc.

Research funds, medals, etc.: Two fellowships in psychiatry are maintained.

742. Metric Association.

6800 Stewart Avenue, Chicago, Ill. *President:* J. T. Johnson. *Secretary-Treasurer:* D. L. Barr, 1515 Sedgwick Street, Chicago, Ill. Officers elected for one year; terms expire January, 1943.

History: Organized December 27, 1916, as the American Metric Association; name changed December 3, 1922, to present title; reorganized with ten technical departments December, 1940.

Object: To secure the advantages of the general use of metric weights and measures.

Membership: Individual members, annual dues \$2; Firms, \$5; Associations, \$10. Total membership 100. List of members available.

Meetings: Annual, in connection with the meetings of the American Association for the Advancement of Science.

Research funds, medals, etc.: Surveys on metric usage have been and are being conducted.

Publications: Measurement, monthly, 1917-1933, price \$2, free to members. Publication is to be resumed under the reorganization.

743. Metropolitan Microchemical Society. *President:* Julius Kuck, College of the City of New York, New York, N. Y. *Secretary:* Leo K. Yanowski, Fordham University, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Began as the New York-New Jersey Section of the Microchemical Society; Constitution and By-laws adopted January, 1936; present name adopted March, 1938.

Object: To promote interest in the practice and teaching of microchemical methods and in other related methods.

Membership: Annual dues \$2. Total membership 121.

Meetings: Monthly.

744. Metropolitan New York Association for Applied Psychology. *President:* Robert R. Rock, Jr., Fordham University, New York, N. Y. *Secretary-Treasurer:* Gladys C. Schwesinger, American Museum of Natural History, New York, N. Y. Term of President, elected for one year, expires June, 1942; of Secretary, elected for two years, 1943.

History: Organized June, 1939, by members of the Association of Consulting Psychologists, living in New York City.

Object: To provide for cooperative association of persons actively engaged in applied psychology, to promote and maintain professional standards among them, and to further the advancement of applied psychology as a science and a profession.

Membership: Members must have a Ph.D. or Ed.D. degree with two years' approved experience or an important published research; or, a M.A. degree prior to 1924 with eight years' approved experience or research. Annual dues \$1. Total membership 76. List of members available.

Meetings: Two meetings a year.

745. Michigan Academy of Science, Arts, and Letters. *President:* I. D. Scott, University of Michigan, Ann Arbor, Mich. *Secretary:* H. W. Hann, University of Michigan, Ann Arbor, Mich. Terms of officers expire March, 1942.

History: Organized 1894; incorporated 1895 as the Michigan Academy of Science; name changed to present title in 1921. *Sections:* Anthropology, Botany, Economics, Fine Arts, Folk Lore, Forestry, Geography, Geology and Mineralogy, History and Political Science, Landscape Architecture, Language and Literature, Mathematics, Philosophy, Psychology, Sanitary and Medical Science, Sociology, and Zoology. *References:* Organizations, First Annual Report, pages 5-10; Abstract of History, Second

Annual Report, pages 5-6; Additional history, Thirty-fifth Annual Report, pages 118-133.

Object: The promotion of research and the diffusion of knowledge.

Membership: Members, 900, annual dues \$1; Life, 14, one payment of \$25; Honorary, resident outside of Michigan, elected for distinguished service, 18. List of members in Annual Report.

Meetings: Annual, at Ann Arbor, Mich.

Research funds, medals, etc.: A grant of \$150 to \$200 a year is made from the American Association for the Advancement of Science, for the promotion of research.

Publications: Bulletin, 1-4, 1904-1909. Annual Report, biennial, 1-39, 1894-1937; annual, 40-42, 1938-1940. Papers, 1-26, 1921-1940, price \$1.50 to \$5 a volume.

746. Michigan Audubon Society. Grand Rapids Public Museum, Grand Rapids, Mich. *President:* E. T. Boardman, Cranbrook Institute of Science, Bloomfield Hills, Mich. *Secretary:* Mrs. Francis Kiefer, 243 Gratiot Boulevard, Port Huron, Mich. Officers elected for one year; terms expire 1942.

History: Organized February, 1904, as part of the Michigan Humane Society, with which it was associated for twelve years. In 1916 it was organized as an independent society.

Object: To investigate the habits and life histories of native birds, to teach their economic value, to conserve bird life, and to cooperate with other organizations which are concerned with any phase of wild-life conservation.

Membership: Annual members, annual dues \$1; Contributing, \$2; Sustaining, \$5; Patron, \$25; Organization, \$5; Life, \$50; Benefactor, \$100. Total membership 600. List of members available.

Meetings: Annual.

Publications: Quarterly News Letter, 1923-1926. Jack-Pine Warbler, 1926-1941, free to members.

747. Michigan Engineering Society. *President:* Bruce Buchanan, 509 Pontiac Bank Building, Pontiac, Mich. *Executive Secretary:* E. L. Brandt, 100 Farnsworth Street, Detroit, Mich. Term of President, elected for one year, expires April, 1942.

History: Organized March 25, 1880, at Lansing, Mich., as the Michigan Association of Surveyors and Civil Engineers; present name adopted 1884; reorganized and incorporated 1887; reorganized 1920 and 1923; reincorporated 1934.

Object: The mutual benefit and instruction of members in the science and art of surveying and of civil, mechanical, and mining engineering; and the collection, preservation, and publication of information pertaining thereto.

Membership: Members are required to have practical experience in engineering or architectural work or allied activities, or to be graduates of a college or school of engineering or architecture of recognized standing. Annual dues \$2. Total membership 850.

Meetings: Annual.

Research funds, medals, etc.: The Society is a co-sponsor of courses in modern industrial methods in various cities.

Publications: Michigan Engineer, quarterly, 1-59, 1880-1941, free to members.

748. Michigan Gas Association. Secretary: Albert G. Schroeder, Michigan Consolidated Gas Company, Grand Rapids, Mich.

History: Organized 1893.

Object: The promotion and advancement of knowledge in matters relating to the manufacture, distribution, and consumption of gas, and the establishment and maintenance of a spirit of fraternity between members of the Association.

Membership: Active and Associate members. Annual dues \$5. Total membership 300.

Meetings: Annual.

Research funds, medals, etc.: A fellowship has been maintained at the University of Michigan since 1900.

749. Michigan Geological Society. President: Lee C. Lamar, 215 Hersee Building, Mt. Pleasant, Mich. **Secretary:** Edward J. Baltrusaitis, Box 811, Saginaw, Mich. Officers elected for one year; terms expire January, 1943.

History: Organized 1937.

Object: To report and discuss current geological problems in oil geology and to foster fellowship among Michigan geological workers.

Membership: Active and Associate members. Entrance fee \$2, annual dues \$1. Total membership 48.

Meetings: Monthly, from November to April.

Publications: Papers of members are published in the Bulletin of the American Association of Petroleum Geologists.

750. Michigan Psychological Association. President: H. L. Carter, Western State Teachers College, Kalamazoo, Mich. **Secretary:** Esther L. Belcher, 3743 Brush Street, Detroit, Mich. Terms of officers expire 1942.

History: Organized September, 1935; Constitution and By-Laws adopted by the Association, January 11, 1941.

Object: To coordinate the activities of academic and applied psychologists, to work for the advancement of standards in both teaching and consultation work, to interpret the work of the

psychologists to the public, and to secure desirable legislation regulating the work of psychologists.

Membership: Members, Associates, Junior Members, and Affiliates. Annual dues \$2. Total membership 100. List of members available.

Meetings: Quarterly.

751. Michigan Public Health Association. President: Wm. R. Davis, Michigan Department of Health, Lansing, Mich. **Secretary:** Marjorie Delavan, Lansing, Mich. Officers elected for one year; terms expire November, 1942.

History: Organized October, 1919.

Object: To promote public health in Michigan.

Membership: Persons engaged in the practice of public health either directly or indirectly and persons who are interested in the advancement of public health may become members of the Association upon payment of the annual dues of \$1. Total membership 377.

Meetings: Annual.

Publications: News Letter, irregular.

752. Michigan State Horticultural Society. President: J. J. Hill, Montrose, Mich. **Secretary:** H. D. Hootman, East Lansing, Mich. Terms of officers expire January, 1943.

History: Organized 1870.

Object: To further horticulture in the State of Michigan.

Membership: Total membership 1,000.

Meetings: Three meetings a year at Grand Rapids, Michigan.

Publications: Annual Report, price \$2.

753. Michigan State Medical Society. 2020 Olds Tower, Lansing, Mich. President: Henry R. Carstens, Detroit, Mich. **Secretary:** L. Fernald Foster, 919 Washington Avenue, Bay City, Mich. Term of President, elected for one year, expires September, 1942; Secretary elected annually.

History: Organized 1866.

Object: To promote the science and art of medicine, to protect public health, to better the medical profession, and to unite with similar organizations to form the American Medical Association.

Membership: Total membership 4,527. Annual dues \$12.

Meetings: Annual.

Publications: Journal, monthly, 1-40, 1901-1941, price \$5, \$1.50 to members.

754. Michigan State Pharmaceutical Association. 1516 Olds Tower, Lansing, Mich. President: J. L. Brown, Benton Harbor, Mich.

Secretary: Otis F. Cook, Lansing, Mich. Term of President, elected for one year, expires June, 1942.

History: Organized November 15, 1883.

Object: To improve the business conditions of druggists and pharmacists by proper methods.

Membership: Open to registered pharmacists or druggists. Annual dues \$10.

Meetings: A convention is held annually, and a mid-season meeting is held in January.

Publications: Journal, monthly, 1-29, 1920-1941, free to members and on exchange.

755. Michigan Tuberculosis Association. 403 Seymour Avenue, Lansing, Mich. *President:* Curtis M. Wylie, Grand Rapids, Mich. *Executive Secretary:* Theodore J. Werle, Lansing, Mich. Term of President, elected for one year, expires in the fall of 1942; of Secretary, elected for two years, September, 1943.

History: Founded 1908; incorporated 1909 under the name of the Michigan State Association for the Prevention and Relief of Tuberculosis; name changed to present title 1922.

Object: The study, prevention, relief, and cure of tuberculosis; the dissemination of knowledge concerning its causes and treatment; the encouragement of adequate provision for consumptives by the establishment of sanatoria; and the collection and publication of useful information.

Membership: Individual members, annual dues \$1; Corporate members, \$5; Life members, \$25; Sustaining members, \$100 or more. Total membership 200. Membership list published in the Annual Report of the executive secretary.

Meetings: The annual meeting of the Association is held generally in the fall of the year, at the time and place decided upon by the Executive Committee.

Library: Approximately 400 books and 3,000 pamphlets on tuberculosis.

Research funds, medals, etc.: The Executive Committee of the Michigan Tuberculosis Association appropriated \$400 for a scholarship in social work in the sociology department at Michigan State College which will be available for the school year of 1941-1942 to college graduates. The winner of the scholarship will work part time in the Association office while taking post-graduate work.

Publications: Health, bimonthly, the official publication of the Association. Wolverine Health Bulletin, distributed monthly during the school year, free to rural schools and to members, price 50 cents a year, 10 cents a copy.

756. Mid-South Post Graduate Medical Assembly. *President:* C. M. Speck, New Albany, Miss. *Secretary:* A. F. Cooper, Memphis, Tenn. Officers elected for one year; terms expire February, 1942.

History: Organized 1883 as the Tri-State Medical Association of Arkansas, Mississippi, and Tennessee; name changed to present title in 1934.

Object: To promote the medical sciences in this region.

Membership: Entrance fee \$5. Total membership 1,250.

Meetings: Annual, in Memphis.

Publications: Mississippi Doctor, monthly, price \$1.

757. Midwestern Psychological Association.

President: James P. Porter, Ohio University, Athens, Ohio. *Secretary:* Robert H. Seashore, Northwestern University, Evanston, Ill. Term of President, elected for one year, expires September, 1942; of Secretary, elected for three years, September, 1942.

History: Organized 1926.

Object: To promote experimental work in the Midwest.

Membership: Members must be members or associate members of the American Psychological Association or endorsed by a member of the Midwestern Psychological Association and approved by its Council. Annual dues \$1. Total membership 565. List of members in Yearbook.

Meetings: Annual, at some midwestern university, centrally located.

Publications: Yearbook, free to members and to related organizations.

758. Milbank Memorial Fund. 40 Wall Street, New York, N. Y. *President:* Albert G. Milbank. *Secretary:* Catherine A. Doran. President and Secretary are elected annually.

History: The Milbank Memorial Fund was established and endowed by the late Mrs. Elizabeth Milbank Anderson as a memorial to her father and mother, Jeremiah and Elizabeth Lake Milbank. It was incorporated on April 3, 1905, under the Membership Corporations Law of the State of New York.

Object: To improve the physical, mental, and moral condition of humanity, and generally to advance charitable and benevolent objects. The Fund assists official and private agencies and institutions in the field of public health and medicine, education, social welfare, and research. Emphasis is given to activities which are preventive rather than palliative, and to the improvement of administrative procedures in public health.

Publications: Annual Report. Quarterly, price \$1.

759. Milk Research Council, Inc. 22 East 40th Street, New York, N. Y. *President:* John F. Watson, 110 Hudson Street, New York, N. Y. *Secretary:* Edward Fisher Brown.

Officers elected for one year; terms expire June, 1941.

Object: To conduct research in the production, manufacture, distribution, and consumption of milk and allied dairy products.

Membership: Total membership 18.

Meetings: Monthly.

Library: 500 volumes on food and dairy products.

760. Millers' National Federation. 309 West Jackson Boulevard, Chicago, Ill. *President:* Ward Magill, Wichita, Kans. *Secretary:* Herman Steen. Officers elected for one year; terms expire May, 1942.

History: Organized 1902.

Object: To further the work of the flour milling industry.

Membership: Active members, annual dues one-fourth cent per barrel of flour produced. Total membership 450.

Meetings: Annual, in Chicago.

Publications: Hook Up—Milling Around in Washington, irregular, free to members, not available to non-members.

761. Mineralogical Society of America. *President:* Fred E. Wright, Geophysical Laboratory, Washington, D. C. *Secretary:* Paul F. Kerr, Columbia University, New York, N. Y. Term of President, elected for one year, expires December, 1941; of Secretary, indefinite.

History: Organized December 30, 1919; incorporated 1937.

Object: The advancement of mineralogy, petrography, crystallography, and allied sciences.

Membership: Members, 457, annual dues \$3; Subscribers, 334, \$3; Fellows, 191, \$5. List of members available.

Meetings: Annual, in conjunction with the Geological Society of America.

Research funds, medals, etc.: ROEBLING MEDAL, awarded for distinguished achievement in mineralogy.

Publications: American Mineralogist, 1-26, 1916-1941, price \$3, free to members.

762. Mining and Metallurgical Society of America. 90 Broad Street, New York, N. Y. *President:* John F. Thompson, 67 Wall Street, New York, N. Y. *Secretary:* Percy E. Barbour. Terms of officers expire January, 1943.

History: Organized April, 1908; incorporated December, 1910.

Object: To discuss, digest, and take formal action by referendum of all its members upon those broad principles and questions which affect the economic and professional side of the mining industry. It excludes from consideration technology, methods, detail, and special interests.

Membership: Members are required to have eight years of professional experience, of which five shall be in responsible charge of work. Metropolitan members, annual dues \$15; Non-Metropolitan, \$10; Life and Honorary members. List of members available.

Meetings: Annual, in January, in New York City; four to six other meetings a year in New York City.

Research funds, medals, etc.: GOLD MEDAL, for special achievement in mining or metallurgy.

Publications: Bulletin, monthly, 1908-1941; Annual Bound Volume, price \$2. Occasional Monographs.

763. Minnesota Academy of Science. University of Minnesota, Minneapolis, Minn. *President:* E. T. Tufte, St. Olaf College, Northfield, Minn. *Secretary:* D. B. Lawrence, University of Minnesota, Minneapolis, Minn. Term of President, elected for one year, expires April, 1942; of Secretary, elected for two years, April, 1943.

History: Reorganized 1932. *Sections:* General, Biological Science, Physical Science, Science Education, and Social Science.

Object: The promotion of science in the State.

Membership: Annual members, annual dues \$1; Sustaining, \$5; Patron, \$100. Total membership 650.

Meetings: Semiannual.

Research funds, medals, etc.: AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE FUND, based on total membership, to aid research workers.

Publications: Proceedings, 1-8, 1932-1940, free to members.

764. Minnesota Creamery Operators' and Managers' Association. 1022-1023 New York Building, Sixth and Minnesota Streets, St. Paul, Minn. *President:* John Erickson, Swanville, Minn. *Executive Secretary:* Carl E. Bergquist. Term of President, elected for one year, expires October, 1942.

History: Organized 1893 as the Minnesota State Butter and Cheese Makers' Association; reorganized 1917 under the present name.

Object: To protect and improve the position of cooperative and local creameries, and to promote the welfare of the dairy industry.

Membership: Senior members, entrance fee \$10, annual dues \$12; Associate members, \$10, \$6; Junior members \$5, \$3. Total membership 675. List of members available.

Meetings: Annual Convention; District meetings, monthly during the summer at various places in Minnesota.

Publications: Dairy Record, weekly, price \$2, free to members. Annual Report, issued to members.

765. Minnesota Dermatological Society. Division of Dermatology, University of Minnesota, Minneapolis, Minn. *President:* Henry E. Michelson, 715 Medical Arts Building, Minneapolis, Minn. *Secretary:* Francis W. Lynch, 317 Lowry Medical Arts Building, St. Paul, Minn. Officers elected for one year; terms expire December, 1942.

History: Organized 1915.

Object: To promote the study of dermatology.

Membership: Physicians specializing in dermatology. Regular members, 31; Associate members, 10; Honorary members, 3. Annual dues \$3.

Meetings: Quarterly.

Publications: Proceedings of meetings are published regularly in the Archives of Dermatology and Syphilology.

766. Minnesota Federation of Architectural and Engineering Societies. *President:* H. E. McWethy, 1 South Eleventh Street, Minneapolis, Minn. *Secretary:* Katherine A. Feucht, 819 Guardian Building, St. Paul, Minn. Term of President, elected for one year, expires February, 1942.

History: Organized 1921.

Object: The promotion of economic, public, and social welfare; the advancement of knowledge in architecture and engineering; the encouragement of a high sense of professional ethics; and the fostering of a spirit of fraternity.

Membership: There are no individual memberships; 1,780 members belong to the ten affiliated societies. Entrance fee \$25, for each member society.

Meetings: The Board of Directors, comprised of two members from each affiliated society, meets four times each year, with an annual convention in February.

Publications: Bulletin, monthly, 1915-1941.

767. Minnesota Pathological Society. *President:* C. J. Watson, University of Minnesota, Minneapolis, Minn. *Secretary:* E. T. Bell, University of Minnesota, Minneapolis, Minn. Officers elected for one year; terms expire May, 1942.

History: Organized February 20, 1912.

Object: To cultivate the study and discussion of pathological problems.

Membership: Active members, annual dues \$2.50.

Meetings: Monthly, October to May, at the University.

Publications: Proceedings, 1912-1914.

768. Minnesota Public Health Association. 11 West Summit Avenue, St. Paul, Minn. *President:* S. A. Slater, Southwest Minnesota

Sanatorium, Worthington, Minn. *Executive Secretary:* E. A. Meyerding. Term of President, elected for one year, expires November, 1942.

History: Organized 1906 as the Minnesota Association for the Prevention and Relief of Tuberculosis; name changed to present title in 1914.

Object: To conduct an anti-tuberculosis and public health education campaign, to promote the cause of public health in Minnesota, and to cooperate with state and local health authorities in carrying out their programs.

Membership: Anyone interested in the work may apply for membership. There are no dues. Total membership 579.

Meetings: Annual, in St. Paul.

Publications: Everybody's Health, monthly, 1916-1941, price 50 cents in Minnesota, \$1 elsewhere.

769. Minnesota State Horticultural Society. University Farm, St. Paul, Minn. *President:* Louis R. Fischer. *Secretary:* R. S. Mackintosh. Term of President, elected for one year, expires December, 1941; of Secretary, elected for two years, December, 1941.

History: Organized October 4, 1866, at Rochester, Minn., as the Minnesota Fruit Growers' Association; name changed October 1, 1868, to present title.

Object: To secure and disseminate knowledge pertaining to tree, fruit, flower, and vegetable growing and related topics.

Membership: Annual members, annual dues \$1, for three years \$2; Life member, \$10; Affiliated societies, 35 cents. Total membership 7,200.

Meetings: Semiannual.

Library: 4,250 volumes on horticulture.

Research funds, medals, etc.: A bronze medal is awarded for distinguished service, exhibits, etc.

Publications: Minnesota Horticulturist, 9 issues a year, 1-19, 1870-1941, free to members.

770. Minnesota State Medical Association. 493 Lowry Medical Arts Building, St. Paul, Minn. *President:* H. Z. Giffin, Mayo Clinic, Rochester, Minn. *Secretary:* B. B. Souster. Officers elected for one year; terms expire December, 1942. *Executive Secretary:* R. R. Rosell.

History: The Minnesota State Medical Society was organized in 1853 in St. Paul; incorporated in 1892; name changed to present title in 1905.

Object: To bring into one compact organization the entire medical profession of the State of Minnesota and to unite with similar societies of other states to form the American Medical

Association, to promote the science and art of medicine, to elevate the standard of medical education, and to promote public health.

Membership: Active, Affiliate, Honorary, and Associate members. Members must hold the degree of doctor of medicine, issued by an institution of learning accredited by the American Medical Association at the time of conferring such degree, and be licensed to practice in Minnesota. Annual dues \$15. Total membership 2,671. List of members available.

Meetings: Annual, held in Minneapolis, St. Paul, Duluth, or Rochester.

Publications: Minnesota Medicine, monthly, 1-24, 1917-1941, price \$3, free to members.

771. Minnesota State Pharmaceutical Association. 2642 University Avenue, St. Paul, Minn. **President:** W. C. Kregel, 481 Rice Street, St. Paul, Minn. **Secretary:** C. V. Netz, College of Pharmacy, University of Minnesota, Minneapolis, Minn. **Executive Secretary:** J. B. Slocumb. Officers elected for one year; terms expire June, 1942.

History: Organized 1884.

Object: The betterment of the science and art of pharmacy.

Membership: Proprietors and clerks who are registered pharmacists are eligible to membership. Annual dues for proprietors, \$10; clerks, \$3. Total membership 1,100.

Meetings: Annual.

Research funds, medals, etc.: A scholarship and a fellowship are maintained at the University of Minnesota.

Publications: Proceedings, 1-57, 1885-1941. Minnesota Pharmacist, monthly, free to members.

772. Minnesota Surveyors and Engineers Society. 819 Guardian Building, St. Paul, Minn. **President:** George L. Brown, Austin, Minn. **Secretary:** Myron L. Jones, Minnesota Highway Department, St. Paul, Minn. Terms of officers expire February, 1942.

History: Organized January, 1895.

Object: To promote fellowship and good will among the members of the engineering profession, to raise the standards of engineering practice, to diffuse technical knowledge, and to safeguard the public welfare.

Membership: Members and Associate members. Entrance fee \$5, annual dues \$4. Total membership 188.

Meetings: Annual.

773. Mississippi Academy of Science. **President:** J. Fred Walker, Hattiesburg, Miss. **Secretary-Treasurer:** Clyde Q. Sheely, State College, Miss. Officers elected for one year; terms expire February, 1942.

History: Organized 1931. **Sections:** Physical, Earth, and Biological Sciences; Science Education; and Industrial.

Object: To encourage scientific research and to promote interest in scientific matters in the State.

Membership: Entrance fee \$1, annual dues \$1. Total membership 150. List of members available for \$2.

Meetings: Annual.

Research funds, medals, etc.: Research work conducted through grants from the American Association for the Advancement of Science.

Publications: Proceedings, annual, 1-2, 1940-1941, price 10 cents.

774. Mississippi State Medical Association. **President:** A. Street, Vicksburg, Miss. **Secretary:** T. M. Dye, Clarksdale, Miss. Term of President, elected for one year, expires May, 1942; of Secretary, elected for three years, May, 1942.

History: Organized 1858; reorganized 1902.

Object: Scientific improvement in medicine.

Membership: Entrance fee \$4, annual dues \$4. Total membership 1,000.

Meetings: Annual.

775. Mississippi State Pharmaceutical Association. **President:** M. K. Patterson, 317 East Capitol, Jackson, Miss. **Secretary:** Charles E. Wilson, 500 Waldron, Corinth, Miss.. Officers elected for one year; terms expire June, 1942.

History: Organized 1883. **Sections:** Commercial and Professional.

Object: To unite reputable druggists and pharmacists of the State, to establish fraternal feelings and cooperation among members, to improve the science and art of pharmacy, and to restrict and dispense the sale of medicine to regularly educated druggists and apothecaries.

Membership: Active members, annual dues \$3; Honorary members. Total membership 395.

Meetings: Annual.

Publications: Annual Proceedings, 1902-1941.

776. Mississippi Valley Medical Society. **President:** Dan G. Stine, Columbia, Mo. **Secretary:** Harold Swanberg, 510 Maine Street, Quincy, Ill. Officers elected for one year; terms expire November, 1942.

History: Organized April 8, 1935, in Quincy, Ill.; incorporated November 20, 1935.

Object: To provide intensive post-graduate medical education for general practitioners.

Membership: Active, Charter, Life, Honorary, Scholarship, and Retired members. Entrance fee \$5, annual dues \$3. Total membership 819. List of members available.

Meetings: Annual.

Research funds, medals, etc.: A silver medal, a bronze medal, and a certificate of merit are awarded for the three best scientific exhibits at the annual meeting, on the basis of originality, excellence of presentation, and practicability, especially to general practitioners of medicine. A prize of \$100, a gold medal, and a certificate are awarded annually for the best unpublished essay; certificates of merit for the second and third best essays. A gold medal and a certificate of award are presented annually to an active member who has rendered unusual or distinguished service to the medical profession.

Publications: Mississippi Valley Medical Journal, bimonthly, 1-3, 1939-1941, price \$3, free to members.

777. Missouri Academy of Science. *President:* A. C. Magill, Southeast Missouri State Teachers College, Cape Girardeau, Mo. *Secretary:* R. T. Dufford, 212 Physics Building, University of Missouri, Columbia, Mo. Officers elected for one year; terms expire April, 1942.

History: Organized April 13, 1934. There are twenty-two technical sections. *Reference:* Proceedings, 1: 169-201, 1934.

Object: The increase and the diffusion of scientific knowledge and of the scientific spirit, and the promotion of cooperation between the scientific interests of Missouri.

Membership: Annual, Associate, Life, Honorary, and Institutional members. Annual dues \$2. Total membership 800.

Meetings: Annual.

Library: About 1,000 journals received on exchange.

Research funds, medals, etc.: \$100 granted annually from the American Association for the Advancement of Science.

Publications: Proceedings, quarterly, 1-7, 1934-1941.

778. Missouri Botanical Garden. 2315 Tower Grove Avenue, St. Louis, Mo. *President:* George C. Hitchcock, Federal Commerce Trust Building, St. Louis, Mo. *Secretary:* Gerald Ulrici, 208 North Broadway, St. Louis, Mo. *Director:* George T. Moore. Terms of President and Secretary expire January, 1943.

History: Founded and endowed by Henry Shaw of St. Louis, and placed by his will under the management of a Board of Trustees. Maintained as his private garden until his death in 1889. Organized 1890 under present title.

Object: To maintain a botanical garden for scientific investigation and recreation.

Library: About 54,018 books and 85,586 pamphlets on botany and horticulture.

Research funds, medals, etc.: Research work is carried on in the Garden and under garden

funds by graduate students in the Shaw School of Botany, and degrees are conferred by Washington University. A Herbarium of about 1,327,895 specimens is maintained.

Publications: Annals, quarterly, 1-28, 1914-1941, price \$6. Bulletin, monthly, except July and August, 1-28, 1913-1941, price \$1.

779. Missouri Public Health Association. *President:* John W. Chapman, Shelbina, Mo. *Secretary:* Glen J. Hopkins, Jefferson City, Mo. Officers elected for one year; terms expire May, 1942.

History: Organized 1924. *Sections:* Health Officers, Public Health Nursing, Public Health Engineering, and Vital Statistics.

Object: To promote public health in the State.

Membership: Entrance fee \$1, annual dues \$1. Total membership 325.

Meetings: Annual.

780. Missouri State Horticultural Society. 200 Whitten Hall, Columbia, Mo. *President:* Paul Stark, Louisiana, Mo. *Secretary:* W. R. Martin, Jr. Officers elected for one year; terms expire December, 1941.

History: Organized 1859.

Object: The promotion of horticulture.

Membership: Annual members, annual dues \$1; Life members, payment of \$10; Honorary members. Total membership 400. List of members available for \$1.

Meetings: Semiannual.

Publications: Biennial Report, free to members.

781. Missouri State Medical Association. 623 Missouri Theatre Building, St. Louis, Mo. *President:* R. B. Denny, Creve Coeur, Mo. *Executive Secretary:* E. H. Bartelsmeyer. Terms of officers expire May, 1942.

History: Organized 1850.

Object: To promote the science and art of medicine and to improve the medical profession.

Membership: Active members, 3,224, annual dues \$8. List of members available.

Meetings: Annual, at various towns in Missouri.

Publications: Journal, monthly, 1-37, 1904-1941, price \$3, free to members and on exchange.

782. Modern Language Association of America. 100 Washington Square, New York, N. Y. *President:* F. M. Padelford, University of Washington, Seattle, Wash. *Secretary:* Percy W. Long. Term of President, elected for one year, expires December, 1942; Secretary appointed by the Executive Council for an indefinite period.

History: Organized 1883; incorporated 1900.

Object: To advance research in the field of modern language.

Membership: Annual dues \$5. Total membership 4,100. List of members available for \$1.25.

Meetings: Annual.

Research funds, medals, etc.: About \$12,000 is devoted to research in the field of modern language.

Publications: PMLA, quarterly, 1884-1941. Monograph Series, irregular, 13 volumes issued since 1925. Revolving Fund Series, irregular, 12 volumes issued since 1925. General Series, irregular, 15 volumes issued since 1935. The price varies with the different publications.

783. Montana Academy of Oto-Ophthalmology.

President: A. L. Hammerel, Billings, Mont.

Secretary: F. D. Hurd, 309 Medical Arts Building, Great Falls, Mont. Officers elected for one year; terms expire February, 1942.

History: Organized February, 1920.

Object: The promotion of oto-ophthalmology.

Membership: Active, Honorary, and Life members. Annual dues \$5. Total membership 36. List of members available.

Meetings: Biennial.

784. Montana Horticultural Society. *President:*

George O. Thatcher, Corvallis, Mont.

Secretary: George L. Knight, Box 1285, Missoula, Mont. Officers elected for one year; terms expire December, 1942.

History: Organized December, 1895.

Object: The improvement of horticulture.

Membership: Annual dues \$1. Total membership 125. List of members available for 50 cents.

Meetings: Annual.

785. Montana Society of Engineers. *President:*

A. E. Adami, Montana School of Mines,

Butte, Mont. *Secretary:* Fred Schwanz, 2710 State Street, Butte, Mont. Officers elected for one year; terms expire October, 1942.

History: Organized in Helena, as the Montana Society of Civil Engineers, July 5, 1887; name changed to present title February 13, 1897.

Object: The advancement of engineering, the promotion of interest in the profession, and the unification of the different branches of the engineering profession for mutual benefit in the State of Montana.

Membership: Active members, 218, five years in professional work in engineering, and qualified to design and direct engineering work; time in study in recognized engineering colleges is counted as half the time it represents in practice. Associates, 3, persons who by scientific acquirements or practical experience are quali-

fied to cooperate with engineers in the advancement of engineering knowledge or practice; Junior, two years in practice of the profession or the equivalent; Student, 3, student in any engineering school in the State of Montana; Honorary, 2, persons of acknowledged eminence in the engineering profession and who are elected to the position of Honorary membership; Life, 2, Active or Associate members who subscribe \$50 to the endowment. Annual dues \$3.

Meetings: Monthly, except during the summer. Annual meeting held in May, in the home city of the president of the Society.

Research funds, medals, etc.: Each year a gold medal is awarded to the graduating senior, who is selected by a committee as the outstanding member of his class. The institutions to which this applies are the Montana School of Mines and the Montana State College.

Publications: Proceedings, 1-4, 1888-1901. Quarterly Journal, 1916-1923; none issued July 1918-July, 1919.

786. Montana State Medical Association.

President: William E. Long, Anaconda,

Mont. *Secretary:* Thomas F. Walker, Great Falls, Mont. Officers elected for one year; terms expire August, 1942.

History: Organized January 29, 1879; name changed from Montana Medical Association to present title in 1937.

Object: To promote the science and art of medicine and to protect the public health.

Membership: Active, Life, and Honorary members. Annual dues \$8. Total membership 424. List of members available.

Meetings: Annual.

Publications: Journal-Lancet, monthly, free to members.

787. Montana State Pharmaceutical Association, Inc. *President:*

W. C. Spater, 601

Central, Great Falls, Mont. *Secretary:* J. A. Riedel, Boulder, Mont. Officers elected for one year; terms expire 1942.

History: Incorporated 1940.

Object: The advancement of pharmacy.

Membership: All pharmacists registered in the State. Entrance fee \$2. Total membership 800.

Meetings: Annual Convention; special meetings.

788. Montclair Society of Engineers. *President:*

James A. Emery, 75 North Mountain

Avenue, Montclair, N. J. *Secretary:* Morris D. Hooven, 21 Clairidge Court, Montclair, N. J. Officers elected for one year; terms expire June, 1942.

History: Organized October, 1924, by a group of engineers residing in Montclair. The

work of the Society is carried on under the Executive Committee comprised of the President, Vice-President, Secretary, Treasurer, the two junior Past-Presidents, and the chairman of the Administrative Committees: Civics, Engineering Education, Membership, Program, Publicity, and Defense.

Object: To unite the engineers of Montclair and vicinity, thereby promoting friendly associations and enabling them to contribute their professional knowledge and experience to the solution of community problems.

Membership: A member must be a graduate of an engineering college, or actively engaged in engineering work, or serving in an administrative or executive position in regard to engineering work. Annual dues \$3. Total membership 450. List of members in Yearbook.

Meetings: Four to six each year, in Montclair, N. J.; Luncheon meetings each month in New York City; Inspection tours to points of engineering interest at various times.

Research funds, medals, etc.: A scholarship award is made each year to a graduate of the Montclair High School, as a recognition of a boy's outstanding character, personality, and scholarship, and as an aid in defraying his first year's expenses at an engineering college.

Publications: Yearbook.

789. Municipal Engineers of the City of New York. 29 West 39th Street, New York, N. Y. **President:** Dean G. Edwards. **Secretary:** Alfred Brahdry. Officers elected for one year; terms expire January, 1943.

History: Organized April, 1903.

Object: To promote and advance the various engineering sciences which are employed in the government of the City of New York and to elevate the standard of efficiency of engineers employed in the various departments of the city.

Membership: Members and Associate members. Annual dues \$10. Total membership 600. List of members available for \$1.

Meetings: Monthly, except during the summer.

Research funds, medals, etc.: For the purpose of stimulating a healthy rivalry in the preparation of papers and to encourage members to present valuable data to the Society, the Board of Directors shall appropriate annually a sum of not less than twenty-five dollars to be used for the purchase of a prize to be given to the writer of a paper deemed by the Committee on prizes to be the most meritorious of the year.

Publications: Municipal Engineers Journal, quarterly, 1903-1941, price \$2, free to members.

790. Museum of Natural History. 236 State Street, Springfield, Mass. **Director:** Grace P. Johnson.

History: Established 1859. The museum is a department of the City Library Association of Springfield, Mass. **References:** Historical Sketch, Museum of Natural History, 1859-1909, by Grace P. Johnson, 1910. The Museum of Natural History, 1859-1934, Bulletin No. 4, 1934.

Object: The teaching of natural history.

Library: 1,700 volumes on natural history.

Publications: Bulletin, irregular, 1-4, 1904-1934.

791. Museum of Science and Industry. 57th Street and South Shore Drive, Jackson Park, Chicago, Ill. **President:** Lenox R. Lohr. **Secretary:** Samuel Insull, Jr., 135 South La Salle Street, Chicago, Ill. Officers elected for one year; terms expire June, 1942.

History: Founded by Julius Rosenwald. A small section of the Museum has been open since June, 1933; in October, 1940, the building was opened as a whole. From 1926 to 1929 the organization was known as the Rosenwald Industrial Museum.

Object: To present to the general public and the technical man, the progress of science, engineering, and industry by means of full size, working models, etc.

Library: More than 40,000 volumes on science, engineering, and industry.

792. Museum of the American Indian, Heye Foundation. Broadway at 155th Street, New York, N. Y. **Director:** George G. Heye. **Secretary:** Frederic K. Seward.

History: The Museum had its inception when its founder and present director, George G. Heye, pursuing his interest in the material culture of the American Indians, commenced the systematic accumulation of objects pertaining thereto. The first important collection was procured in 1903.

Object: To gather and to preserve everything useful in illustrating and elucidating the anthropology of the aborigines of the Western Hemisphere for students, and to disseminate by means of its publications the knowledge thereby gained.

Library: About 22,000 volumes on the American Indian. Extensive periodical and pamphlet material.

Publications: Contributions, 1-12, no. 4, 1913-1941. Indian Notes and Monographs, 1-11, no. 2, 1919-1937. Miscellaneous series, 1-52, 1920-1939. Quarterly, 1-7, 1924-1930, discontinued with vol. 7, no. 4, Oct. 1930. Leaflets, 1-5, 1919-1926.

793. Mycological Society of America. **President:** E. B. Mains, Herbarium, University of Michigan, Ann Arbor, Mich. **Secretary:** George B. Cummins, Agricultural Experi-

ment Station, Lafayette, Ind. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1944.

History: Founded December, 1931. Formerly the Mycological Section of the Botanical Society of America and in Section G of the American Association for the Advancement of Science. **Reference:** *Mycologia*, 29: 1-25, 1937.

Object: To foster the study of mycology.

Membership: Active, Life, and Associate members. Annual dues \$5. Total membership 377. List of members available for 50 cents.

Meetings: Two meetings a year, one held in conjunction with the American Association for the Advancement of Science.

Publications: *Mycologia*, bimonthly, 1-33, 1909-1941, free to Active and Life members. Yearbook, published every three years, free to members.

794. Nantucket Maria Mitchell Association. Vestal Street, Nantucket, Mass. **President:** Mrs. Francis W. Davis, 100 Common Street, Belmont, Mass. **Secretary:** Helen W. Dodson, Whitin Observatory, Wellesley College, Wellesley, Mass. Officers elected for one year; terms expire April, 1942.

History: Founded 1902, and purchased the birthplace of Maria Mitchell; the Association was incorporated in 1903. The Observatory was built in 1908. **Departments:** Astronomical, Natural Science.

Object: To commemorate the memory of Maria Mitchell, the first woman astronomer of America.

Membership: Members, annual dues \$1; Life, \$10; Sustaining, \$25. Total membership 599. List of members printed in Annual Report.

Meetings: The last Wednesday in April.

Library: 3,350 volumes on natural science and astronomy.

Research funds, medals, etc.: ASTRONOMICAL ENDOWMENT FUND. GENERAL ENDOWMENT FUND. MARY A. MITCHELL ALBERTSON MEMORIAL FUND, for work in natural science.

Publications: Annual Report.

795. National Academy of Sciences. 2101 Constitution Avenue, Washington, D. C. **President:** Frank B. Jewett. **Home Secretary:** Fred E. Wright. Officers elected for four years; terms expire June, 1943.

History: Incorporated by Act of Congress approved by President Abraham Lincoln, March 3, 1863. Organization was completed April 22, 1863. The Act of Incorporation is printed in the Annual Report of the Academy each year. **Sections:** Mathematics, Astronomy, Physics, Engineering, Chemistry, Geology and

Paleontology, Botany, Zoology and Anatomy, Physiology and Biochemistry, Pathology and Bacteriology, and Anthropology and Psychology. Each of the eleven sections elects its chairman, who serves for a period of three years and who is not eligible for reelection for a consecutive term.

Object: To advance science, and especially to investigate, examine, experiment, and report on any subject of science or art whenever called upon by any department of the Government of the United States.

Membership: Originally limited to fifty, the membership is now placed at three hundred and fifty. Members, 319, citizens of the United States, annual dues \$10; Members Emeriti, 5; Foreign associates, 42, limited to fifty. Membership is on election by the Academy on nominations presented by the eleven sections representing different branches of science. Election of foreign associates is on nominations from the Council of the Academy. Members Emeriti are those who at their own request, because of age or inability to attend the meetings, resign the duties of active membership and are transferred to the emeritus roll by vote of the Academy.

Meetings: Semiannual meetings. The annual meeting is held the fourth Monday in April; the Autumn meeting at time and place determined by the Council of the Academy.

Library: The Library is not organized, because of lack of funds. When put in operation, it will be devoted to the publications of other learned societies and scientific institutions of the world; to leading scientific periodicals in the field of general science; to the more important histories of science; to records of the life work and achievements of the most outstanding men of science; to centenary, semi-centennial, and similar publications covering progress in different fields of natural science; and to a limited number of reference works including bibliographies, dictionaries, catalogues, scientific directories, and publications issued under the auspices of the Academy.

Research funds, medals, etc.: ALEXANDER DALLAS BACHE FUND, capital \$60,000, was founded by bequest of Alexander Bache who died in 1867, for the prosecution of researches in physical and natural science, by assisting experimentalists and observers in such manner and in such sums as shall be agreed upon by a cooptative board of three directors. JAMES CRAIG WATSON FUND, capital \$25,000, established by bequest of James Watson who died in 1880, for the promotion of astronomical science. The income has been applied to grants to assist the completion of worthy researches in this field, the awarding from time to time of a gold medal accompanied by an honorarium of \$100 to persons in any country making an

astronomical discovery or producing an astronomical work worthy of special reward as contributing to the progress of astronomy, and setting aside annually a sum for work on the smaller planets discovered by the testator. **HENRY DRAPER FUND**, capital \$10,000, established 1883 by Mrs. Mary Draper with an original fund of \$6,000 for a gold medal to be awarded from time to time for the most important original discovery in astronomical physics, preference to be given, in case of discoveries of equal importance, to that made by a citizen of the United States, any surplus over or above to be used to aid investigation and work in astronomical physics made and carried on by a citizen of the United States. **J. LAWRENCE SMITH FUND**, capital \$10,000, established in 1884 by a sum of \$8,000 by Mrs. Sarah Smith in memory of her husband, the income to be used for striking a gold medal to be known as the J. Lawrence Smith Medal, and to be awarded from time to time, not oftener than every two years, for important original investigations of meteoric bodies, preference to be given, in case of investigations of equal importance, to one made by a citizen of the United States. Income which is not needed for this purpose is to be used in aid of investigations of meteoric bodies, to be made by a citizen or citizens of the United States. **BENJAMIN APTHORP GOULD FUND**, capital \$20,000, established 1897 by Miss Alice Gould in memory of her father, for the prosecution of researches in astronomy by assisting such observers and investigators in such manner and in such sums as shall be agreed upon by a coöperative board of three directors, of whom two at least must be members of the Academy. **BARNARD MEDAL**, for meritorious services to science, bequeathed by the will of F. A. P. Barnard, who died in 1891, to Columbia University to provide for a gold medal to be awarded at the close of every quinquennial period to such person, whether a citizen of the United States or of any other country, as shall have made within the five years next preceding, such discovery in physical or astronomical science, or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences shall be esteemed most worthy of such honor. **WOLCOTT GIBBS FUND**, capital \$5,545. The sum of \$2,600 was presented to Dr. Gibbs on his seventieth birthday, February, 1892, the income to be devoted to the prosecution of chemical research. The fund was given by Dr. Gibbs to the Academy in trust, the administration to be vested in a coöperative board of three directors, two of whom must be members of the Academy. The capital was increased in 1913 by a bequest of Morris Loeb amounting to \$2,500. **CYRUS B. COMSTOCK FUND**, capital \$15,000, established 1907 by gift of Cyrus Comstock to advance knowl-

edge in electricity, magnetism, and radiant energy by the giving of money prizes for important investigations or discoveries, to be known as the Comstock Prize and to be awarded every five years to the bona fide resident of North America who not less than one year nor more than six years before shall have made in the judgment of the Trustee (the Academy) the most important discovery or investigation in electricity, magnetism, or radiant energy. If no such discovery or investigation shall be deemed worthy, or if for any reason the prize is not awarded for any period of five years, the Trustee may use the whole or any part of the amount unawarded in aiding such investigation or investigations as the Trustee shall deem worthy in electricity, magnetism, or radiant energy to be made by a bona fide resident of North America, provided the prize shall not be diverted to give such aid oftener than once in fifteen years. **MARSH FUND**, capital \$20,000. A bequest of O. C. Marsh of \$10,000 for the promotion of original research in the natural sciences. **MURRAY FUND**, capital \$10,000. To the original gift of \$6,000 the sum of \$4,000 has been added by transfer from income to capital. Established 1911 by Sir John Murray for the purpose of founding an **ALEXANDER AGASSIZ GOLD MEDAL** to be awarded to scientific men in any part of the world in recognition of outstanding original contributions to the science of oceanography. **MARCELLUS HARTLEY FUND**, capital \$1,200, established 1913 by Mrs. Helen Hartley Jenkins in honor of her father, to provide for a gold medal to be awarded for eminence in the application of science to the public welfare. To the original gift of \$1,500 the donor added \$1,100 the following year, and from the total of \$2,600 about \$1,400 was expended for the design and other expenses connected with the medal, which is known as the **PUBLIC WELFARE MEDAL**. **DANIEL GIRAUD ELLIOT FUND**, capital \$8,000, established 1917 by Miss Margaret Elliot in accord with the desire of her father, for a medal to be known as the Daniel Giraud Elliot Gold Medal which, together with an accompanying diploma and an unexpended balance of income for the year, is awarded annually to the author of such paper, essay, or other work upon some branch of zoology or paleontology published during the year. **BILLINGS FUND**, capital \$23,748, established 1914 by Mrs. Mary Draper in honor of John Shaw Billings, to be used for the partial support of the Proceedings or for such other purposes as the Academy may select. **MARY CLARK THOMPSON FUND**, capital \$10,000, established 1919 by Mrs. Thompson for a gold medal to be awarded annually for the most important services to geology and paleontology, to be known as the Mary Clark Thompson Gold Medal. By vote of the Council of the Academy in 1923, the accumulating income balance on this fund shall

be allowed to remain at interest apart from the capital fund until it has reached some substantial amount, as \$1,000, at which time it will be given as a cash award to such person as the Committee on the Thompson Fund may designate, it being assumed that it be someone still actively working and in need of financial assistance in the sciences for which the fund stands. This award is to be known as the Thompson Contingent Award. **JOSEPH HENRY FUND**, capital \$41,163, established 1878 by the gift of a sum of \$40,000 from friends of Joseph Henry, the income to be paid to him during his natural life, to his wife and daughters after his death, and after the death of the last survivor to be delivered to the Academy, to assist meritorious investigators, especially in the direction of original research. The death of Miss Caroline Henry on November 10, 1920, removed the last surviving heir. **NEALLEY FUND**, capital \$19,555, a bequest of George True Nealley of one-fourth of his estate for the general purposes of the Academy, the income to be used for partial maintenance of the Academy proper in conjunction with the Agassiz Fund. **CHARLES DOOLITTLE WALCOTT FUND**, capital \$5,000, established by Mary Vaux Walcott in 1928 in memory of her husband, to encourage and reward individual achievement in advancing our knowledge of pre-Cambrian or Cambrian life and its history in any part of the world, by the award of a medal and honorarium. The award shall be made every five years, beginning with 1932, to persons, the results of whose published researches, explorations, and discoveries in pre-Cambrian or Cambrian life and history shall be judged by the trust fund board to be most meritorious, the awards to be made without respect to nation, race, sex, or academic degree. The trust fund board, by terms of the trust, is composed of one *ex-officio* member who shall be the Secretary of the Smithsonian Institution; two members eminent in the paleontology of early Paleozoic formations, one to be appointed by the Institut de France, and one by the Royal Society of London; and two members distinguished in Paleozoic paleontology, to be appointed by the President and Council of the National Academy of Sciences. **JOHN J. CARTY MEDAL AND AWARD FOR THE ADVANCEMENT OF SCIENCE**, capital \$25,000, established by gift of American Telephone and Telegraph Company, November 13, 1930, in recognition of the distinguished achievements of John J. Carty as a scientist and engineer; the income to be used for a gold medal and monetary award, not oftener than once in two years, by vote of the Academy, to an individual for noteworthy and distinguished accomplishment in any field of science coming within the scope of the Academy. **PILGRIM TRUST LECTURE**, given at the Annual Meeting of the Academy in alternate years; in London in inter-

vening years under a cooperative arrangement with the Royal Society of London.

Publications: *Memoirs*, irregular, 1-23, pt. 3, 1866-1941. *Biographical Memoirs*, 1-21, 1877-1941; vol. 10 published as vol. 17 of *Memoirs series*, and vol. 11 published as vol. 21 of *Memoirs series*; name of *Biographical Memoirs* resumed with vol. 12, 1929. *Annual Report*, 1863-1940; *Reports* for 1866, 1868-1877, and 1882 not issued in printed form. *Annual*, 1863/64-1886. *Proceedings*, 1, pt. 1-3, 1863-1894; n.s., 1-27, 1915-1941, price \$5.

796. National Aeronautic Association of U.S.A., Inc. Willard Hotel, Washington, D. C. **President:** Gill Robb Wilson. **Secretary:** Lieut. Col. G. DeFreest Lerner.

History: Organized October, 1922. The Association is a non-commercial and non-political organization which sponsors a program for the advancement of aviation through public information and education. It is the sanctioning and recording authority for aviation records. Chapters are located in one hundred American cities, and educational committees, in five hundred cities.

Object: To foster and encourage all branches of American aeronautics.

Membership: National members, annual dues \$3; Sustaining, \$250.

Meetings: Annual, at time and place selected.

Publications: *National Aeronautics*, monthly, price \$3, included in membership fee. *NAA Washington Newsletter*, weekly, price \$3 to non-members and \$2 to members.

ACADEMY OF MODEL AERONAUTICS

A division of the National Aeronautic Association, Willard Hotel, Washington, D. C. **President:** Edward Roberts. **Executive Director and Secretary:** Albert L. Lewis.

History: Organized 1934. The Academy is the governing body for model aviation in America. **Chapters:** 500.

Object: To foster scientific advancement in model aeronautics, to give recognition to model leadership, and to provide guidance and direction of national model aeronautic affairs. It is a non-profit organization.

Membership: 12,000 licensed aeromodelers and 250,000 affiliated novice model airplane builders and flyers. Annual sporting model aviation licenses, 50 cents and \$1; annual leader membership \$2.

Meetings: Annual, held in conjunction with the National Model Airplane Meet.

Publications: *Model Aviation*, monthly, price \$1, included in the leader membership fee.

797. National Apple Institute. 60 East Broad Street, Columbus, Ohio. **President:** Paul

Stark, Louisiana, Mo. *Secretary:* Truman Nold.

History: Organized 1937.

Object: To improve methods of distributing and utilizing apples.

Membership: State and sectional associations of apple growers in the United States.

Research funds, medals, etc.: The Institute sponsors research on the nutritive values of apples, and on products and by-products of apples.

798. National Association for Research in Science Teaching. *President:* G. P. Cahoon, Ohio State University, Columbus, Ohio. *Secretary:* Ellsworth S. Obourn, John Burroughs School, Clayton, Mo. Officers elected for one year; terms expire February, 1942.

History: Organized 1927.

Object: To promote and disseminate the conclusions of research, leading to a better teaching of science.

Membership: Open to those who have made a recognized contribution to research, or have been of service to science education. Annual dues \$5. Total membership 90. Membership list available.

Meetings: Annual, usually with the American Association of School Administrators.

Publications: Science Education is the official journal of the Association.

799. National Association of Biology Teachers. *President:* Homer A. Stephens, University of Wisconsin, Madison, Wis. *Secretary:* P. K. Houdek, Robinson, Ill. Officers elected for one year; terms expire June, 1942.

History: Organized in New York City, July, 1938, through the efforts of the Union of American Biological Societies. There are twenty affiliated local societies.

Object: The improvement of the teaching of secondary school biology.

Membership: Annual dues \$1. Total membership 2,000.

Meetings: Annual, with the American Association for the Advancement of Science.

Publications: American Biology Teacher, published October to May, 1-3, 1938-1941, price \$1, free to members.

800. National Association of Boards of Pharmacy. 130 North Wells Street, Chicago, Ill. *President:* Paul Molyneux, 417 Dauphine Street, Mobile, Ala. *Secretary:* H. C. Christensen. Officers elected for one year; terms expire August, 1942.

History: Organized at Kansas City, Mo., September, 1904, at the convention of the American Pharmaceutical Association. There are eight geographic districts.

Object: Educational and legislative research for the furtherance of higher standards and more uniform legislation for pharmacy, and to provide interstate reciprocity in pharmaceutical licensure.

Membership: State boards, annual dues \$25.

Meetings: Annual, with the American Pharmaceutical Association; districts hold meetings once a year.

Library: 700 books on pharmacy, chemistry, etc.

Publications: N.A.B.P. Bulletin, planographed, sent to members about every month or two. Proceedings, annual, 1904-1940. Proceedings of District Meetings.

801. National Association of Commissioners, Secretaries and Directors of Agriculture. *President:* J. Roy Jones, Columbia, S. C. *Secretary:* Jewell Mayes, Jefferson City, Mo.

History: Organized 1916.

Membership: 48 state departments of agriculture. Annual dues \$25.

Publications: Annual Report.

802. National Association of Cotton Manufacturers. 80 Federal Street, Boston, Mass. *President and Secretary:* Russell T. Fisher.

History: Founded 1854 under the name of the Hampton County Cotton Spinners' Association; charter granted to the association December, 1894, under the name of the New England Cotton Manufacturers' Association; name changed June 25, 1906, to present title.

Object: To encourage scientific investigation and experiment in methods of manufacturing cotton, to collect and impart information relating to the industry, to promote social intercourse among the members, and to establish and maintain a library of works on textiles in the City of Boston.

Membership: Active members, entrance fee \$10, annual dues \$10; Associate, \$25, \$20; Sustaining, dues at rate of forty cents for each \$1,000 of annual payroll of departments actively engaged in the manufacture of cotton goods, with a maximum of \$1,000 and minimum of \$50; Associate Sustaining, \$100.

Meetings: Annual, in Boston or in some other place chosen by the Board of Government.

Library: Volumes on the historical, technical, and statistical phases of the cotton industry.

Research funds, medals, etc.: Medals are awarded annually to the best students in the leading textile schools of the country. A medal is awarded at the annual meeting to that person who has given outstanding service to the cotton industry.

Publications: Bulletin, monthly, 1-145, 1920-1932. Transactions, 1-132, 1866-1932. Year book, 1918-1931.

803. National Association of Dyers and Cleaners. Silver Spring, Md. *President:* O. M. Chapman, 3100 Arsenal Street, St. Louis, Mo. *Managing Executive:* J. M. Matson. Term of President, elected for one year, expires January, 1943.

History: Organized 1906. The National Association Institute of Dyeing and Cleaning, Inc., opened on October 17, 1927, at Silver Spring, Md.

Object: To conduct research into the industry and its methods, to conduct a resident school and other educational activities, to promote ethical practice among those engaged in the trade, and to foster complete cooperation with those engaged in other branches of the textile field, including manufacturers, merchants, and consumers.

Membership: Active members, those actively engaged in the industry and operating their own power plants, annual dues based on annual volume of business range from \$25 to \$150; Associate members, those manufacturing or jobbing drycleaning supplies, annual dues based on business and scope of operations range from \$25 to \$150. Total membership, approximately 2,100. List of members available.

Meetings: Annual convention, at place determined at the mid-summer meeting of the Board of Directors.

Library: Approximately 600 volumes on textiles and applied sciences, with emphasis on dry-cleaning problems, and complete files of the leading drycleaning and textile journals.

Research funds, medals, etc.: The Institute maintains a vocational training school, a research laboratory, and a package analysis department which analyzes difficult problems sent in by members. A Research Associateship from the Celanese Corporation of America has been operating for a number of years.

Publications: Technical Bulletins, bimonthly, 1-109, 1935-1941. News Bulletins, monthly, 1-67, 1935-1941. Cost Bulletins, 1-16, 1935-1941. Convention Report.

804. National Association of Educational Broadcasters. *President:* Harold A. Engel, WHA, Madison, Wis. *Executive Secretary:* Frank E. Schooley, WILL, Urbana, Ill. Officers elected for one year; terms expire September, 1942.

Object: The dissemination of knowledge of the technical and educational features of broadcasting.

Membership: Active members, any university, college, or public school system of recognized standing engaged in educational broadcasting over a radio station owned and/or operated by it; Associate members, individuals, colleges, and public school systems, or individuals of faculties

of recognized educational institutions engaged in educational broadcasting, as well as any experimental or amateur station owned and operated by a recognized educational institution. Annual dues of Active members, \$10; of Associate members, \$5.

Meetings: Three meetings are held annually: one in Chicago, one in a place to be selected, and one in Columbus, Ohio.

805. National Association of Gardeners. *President:* Herbert W. Tickner, Nativar, Far Hills, N. J. *Secretary:* Dorothy E. Hansell, 432 Fourth Avenue, New York, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized July 10, 1911.

Object: To develop a greater interest in horticulture and thereby to create better opportunities for those engaged in the profession of gardening.

Membership: Active and Associate members, 1,320, annual dues \$5; Sustaining, 138, \$10; Life, 88, \$50 to \$100; Honorary, 2.

Meetings: Annual, in various places.

Research funds, medals, etc.: A Gold Medal is awarded by the Association.

Publications: The Gardeners' Chronicle of America is the official organ of the Association.

806. National Association of Ice Industries. 1706 L Street, N. W., Washington, D. C. *President:* Lester W. Dawley, Southern United Ice Company, Jackson, Miss. *Secretary:* Mount Taylor. Officers elected for one year; terms expire November, 1942.

History: Organized 1917.

Object: To foster the interests of those engaged in the trade or business of ice production and distribution through organized research and the promotion of higher standards of business ethics, and to develop new fields of use for ice and to inform the public of their advantages.

Membership: Active and Associate members. Annual dues are four mills per ton of ice sold the previous year. Total membership 1,650 companies.

Meetings: Annual.

Library: 300 volumes on ice and refrigeration.

Research funds, medals, etc.: Research funds are allotted from the general income.

Publications: Proceedings, annual, 1-12, 1917-1941, price \$1, free to members.

807. National Association of Manufacturers. 14 West 49th Street, New York, N. Y. *President:* William P. Witherow. *Secretary:* Noel Sargent. Officers elected for one year; terms expire December, 1942.

History: Organized in Cincinnati, Ohio, January 22, 1895. Branch offices are maintained at Washington, D. C., and at San Francisco, Calif.

Object: The promotion of the industrial interests of the United States, the fostering of the domestic and foreign commerce of the United States, the betterment of the relations between employers and their employees, the protection of the individual liberty and rights of employer and employee, the dissemination of information among the public with respect to the principles of individual liberty and ownership of property, the support of legislation in furtherance of those principles and opposition to legislation in derogation thereof.

Membership: Individuals, firms, and corporations engaged in manufacturing. Annual dues are based on capitalization.

Meetings: Annual meeting, held usually in December; regional meetings throughout the year.

808. National Association of Photo-Lithographers. **President:** A. G. McCormich, Jr., Wichita, Kans. **Secretary:** Walter E. Soderstrom, 1776 Broadway, New York, N. Y. Term of President, elected for one year, expires September, 1942; Secretary appointed for an indefinite period.

History: Organized 1933.

Membership: Active members, annual dues \$15 to \$25 per press; Associate members, \$100.

Meetings: Annual.

Publications: Modern Lithography, formerly known as the Photo-Lithographer, monthly, price \$3. Lithographers Manual, price \$5.

809. National Association of Power Engineers. 176 West Adams Street, Chicago, Ill. **President:** Steven Casteel, 513 East Missouri Avenue, East St. Louis, Ill. **Secretary:** Fred W. Raven. Officers elected for one year; terms expire September, 1942.

History: Organized as the National Association of Stationary Engineers, October 25, 1882; present name adopted and the Association incorporated in January, 1929.

Object: To provide cooperative action on problems affecting power plant operators and executives, to broaden the engineer's ability and earning capacity by the exchange of information and experience, to provide a systematic educational and service program on a national scale, to direct a systematic effort for the enactment of engineers' License Laws in all states of the Union, and to promote the development of a fraternal spirit of cooperation and good fellowship among operating engineers.

Membership: Active, Associate, and Junior membership must be taken out in a subordinate

association, a large number of which are located in the larger cities of the United States. Dues and initiation fees for membership in the subordinate associations vary, the initiation fee usually ranging from \$1 to \$10, and the dues from \$3 to \$10. Non-resident members are those who reside in cities where there are no subordinate associations, and who pay the annual dues of \$3 directly to the National Secretary. Total membership, 17,000 members in 226 subordinate associations located in the important centers of 40 states.

Meetings: An annual meeting of the Association is held at place selected.

Publications: National Engineer, monthly, 1-45, 1896-1941, price \$1 to non-members, 50 cents to members.

810. National Association of Practical Refrigerating Engineers. 1706 L Street, N. W., Washington, D. C. **President:** John J. Bryner, Roosevelt Hotel, New Orleans, La. **Secretary:** Emerson Brandt. Term of President, elected for one year, expires November, 1942; Secretary appointed.

History: Organized 1910 as the Practical Refrigerating Engineers; name changed to present title in 1918.

Object: To further the education and enlightenment of the members in the art and science of refrigerating engineering.

Membership: Active and Associate members. Entrance fee \$5, annual dues \$7 domestic, \$8.80 foreign. Total membership 1,500.

Meetings: Annual, at various places.

Library: 160 volumes on refrigeration and power production.

Publications: The official publication of the Association is Ice and Refrigeration, which is distributed free to members.

811. National Association of Science Writers. Washington, D. C. **President:** John J. O'Neill, New York Herald-Tribune, New York, N. Y. **Secretary:** Stephen J. McDonough, 330 Star Building, Washington, D. C. Officers elected for one year; terms expire April, 1942.

History: Organized April, 1934.

Object: To promote cooperation between scientists and science writers.

Membership: Active members, initiation fee \$1, annual dues \$1; Honorary members. The requirement for membership is active work in science reporting for newspapers. Total membership 23.

Meetings: Annual, in April, at the National Academy of Sciences in Washington, D. C.

812. National Association of Secondary-School Principals. 1201 Sixteenth Street, N. W.

Washington, D. C. *President:* John Wellwood, Central High School, Flint, Mich. *Secretary:* Paul E. Elicker. Term of President, elected for one year, expires February, 1942; of Secretary, elected for three years, 1943.

History: Organized February, 1916.

Membership: Individual and Institutional members. Annual dues \$2 domestic, \$5 foreign. Total membership 8,000. List of members available for \$1.

Meetings: Semiannual.

Publications: Bulletin, monthly, October to May, free to members.

813. National Association of State Foresters. *President:* Perry H. Merrill, 89 State Street, Montpelier, Vt. *Secretary:* Glen R. Durrell, Capitol Building, Oklahoma City, Okla. Officers elected for one year; terms expire October, 1942.

History: Organized 1921.

Object: To further the interests of the work of state foresters.

Membership: State foresters or comparable state officials. Annual dues \$10. There is one member from each state.

Meetings: Annual, at place selected by the Executive Committee.

814. National Association of State Universities in the United States. *President:* Alexander Ruthven, University of Michigan, Ann Arbor, Mich. *Secretary:* Herman G. James, Ohio University, Athens, Ohio. Officers elected for one year; terms expire November, 1942.

History: Organized 1895.

Membership: Active and Special members. Membership is open to state universities only. Annual dues \$100. Total membership 52.

Meetings: Annual.

Publications: Proceedings, 1890-1941, price 50 cents.

815. National Association of Wool Manufacturers. *President:* Arthur Besse, 386 Fourth Avenue, New York, N. Y. *Secretary:* Walter Humphreys, 80 Federal Street, Boston, Mass.

History: Established 1864.

Object: To promote, by appropriate means, the advancement and prosperity of the wool industry.

Membership: Active, Associate, Corresponding, and Honorary members.

Meetings: Annual, usually in New York City.

Library: 1,800 volumes on the wool industry.

Research funds, medals, etc.: Appropriations have been made to organizations to promote research.

Publications: Bulletin, annual, 1- , 1869- ; includes the Annual Wool Review, price \$2, free to members.

816. National Audubon Society. 1006 Fifth Avenue, New York, N. Y. *President:* Guy Emerson, 16 Wall Street, New York, N. Y. *Secretary:* J. J. Murray, 6 White Street, Lexington, Va. *Executive Director:* John H. Baker. Officers elected for one year; terms expire October, 1942.

History: Founded 1901 as a federation of state Audubon societies; incorporated 1905 as the National Association of Audubon Societies for the Protection of Wild Birds and Animals; name changed 1940 to present title. *Reference:* Adventures in Bird Protection, by T. Gilbert Pearson, 1937.

Object: To stimulate the appreciation, protection, and preservation of wildlife.

Membership: Regular members, annual dues \$5; Sustaining, \$10; Active, \$25; Supporting, \$50; Contributing, \$100; Life, \$200; Patron, \$1,000; Founder, \$5,000; Benefactors, \$25,000.

Meetings: Annual, in New York City, at the time determined by the Board of Directors, but customarily in October.

Library: 3,200 volumes on conservation and ornithology.

Research funds, medals, etc.: AUDUBON RESEARCH FELLOWSHIPS, for the restoration and preservation of native species of birds and animals, supported with cooperating universities. The Society supports the Audubon Nature Camp for adult leaders, which was established in 1936 at Muscongus Bay, Me.

Publications: Bird-Lore, bimonthly, 1-42, 1899-1940; name changed to Audubon Magazine, bimonthly, 43- , 1941- , price \$2, free to members. Educational Leaflets, 1- , 1903- . Special Leaflets, 1-22, 1906-1912. Circulars, 1- , 1915- . Bulletins, 1- , 1914- .

817. National Board of Fire Underwriters. 85 John Street, New York, N. Y. *President:* R. P. Barbour. *Secretary:* Sumner Ballard. Officers elected for one year; terms expire May, 1942.

History: Organized 1866.

Object: To further education, engineering, and statistics as they are related to fire prevention.

Membership: 194 capital stock fire insurance companies; contributions on basis of premiums received.

Meetings: Annual, in New York City.

Research funds, medals, etc.: The Board sponsors Underwriters Laboratories, Inc., main-

tained in Chicago, New York, etc., for the purpose of making tests upon articles, supplies, and processes directly or indirectly associated with fire hazard, fire prevention, or fire fighting; in recent years tests in the accident field have been undertaken. Research is carried on by an engineering staff.

Publications: Safeguarding America Against Fire, annual, 1917- , free.

818. National Canners Association. 1739 H Street, N. W., Washington, D. C. *President:* Carroll Lindsey, Highland City, Fla. *Secretary:* F. E. Gorrell. *Director, Research Laboratories:* E. J. Cameron. Terms of President and Secretary, elected for one year, expire January, 1943.

History: Organized 1907. Research work began with the establishment of a commercial laboratory in 1910; the Research Laboratory was organized in 1913.

Object: The improvement of canned foods.

Membership: Manufacturers of foodstuffs which are offered for sale in hermetically sealed cans and who meet certain requirements regarding sanitation of plant, etc., are eligible for membership. Annual dues are based on the quantity of production; there are no entrance fees. List of members available.

Meetings: Annual meetings in stated places.

Library: A special library with reference to canned foods is maintained.

Research funds, medals, etc.: Three laboratories are maintained: Washington, D. C., San Francisco, Calif., and Seattle, Wash. About \$150,000 is spent for research purposes annually.

Publications: General Bulletin, no. 1- , 1912- . Bulletin of Research Laboratory, no. 1- , 1914- . Circular of the Research Laboratory, no. 1- , 1922- . Membership Letter, no. 1- , 1923- . Excepting the General Bulletins, distribution of publications is restricted to the Association membership. A directory of the canning industry is prepared each year, price \$2.

819. National Coal Association. *President:* C. C. Dickinson, Charleston, W. Va. *Secretary:* J. D. Battle, Southern Building, Washington, D. C. Officers elected annually.

History: Organized 1918.

Object: To promote the interests of the bituminous coal industry.

Meetings: Annual.

Library: Approximately 9,000 volumes on coal and related subjects.

Publications: NCA Membership Bulletin, weekly, free to members.

820. National Colloid Symposium. *Chairman and Secretary:* Harry B. Weiser, Rice In-

stitute, Houston, Tex. Elected for five years; term expires 1944.

History: Organized June, 1923.

Object: To promote the interests of pure and applied colloid science.

Membership: Total attendance at meetings averages 250.

Meetings: Annual, at some university.

Publications: Colloid Symposium Annual, 1-13, 1923-1936. Since 1936 the Proceedings have been published in the Journal of Physical Chemistry.

821. National Committee for Mental Hygiene, Inc. 1790 Broadway, New York, N. Y. *President:* Adolf Meyer, Henry Phipps Psychiatric Clinic, Baltimore, Md. *Honorary Secretary and Founder:* Clifford W. Beers. *Medical Director:* George S. Stevenson. *Associate Secretary:* Paul O. Komora. Term of President, elected for one year, expires November, 1942.

History: Organized 1909; incorporated 1916.

Reference: A Mind that Found Itself, by Clifford W. Beers.

Object: The control and prevention of mental and nervous disabilities.

Membership: Elected members, 700, so honored for work in mental hygiene; Associate members, 1,600, who may be Contributing members, annual dues \$5; Subscribing members, \$10 to \$25; Sustaining, \$25 to \$50; Patrons, \$50 to \$100 and over.

Meetings: Annual, in New York City.

Library: The Committee maintains the mental hygiene section of the National Health Library, in which there are approximately 15,000 books and pamphlets and 75 periodicals.

Research funds, medals, etc.: \$45,000 a year, for research in Dementia Praecox, has been granted by the Supreme Council, Scottish Rite Masons, Northern Jurisdiction, U.S.A.

Publications: Mental Hygiene, quarterly, 1- , 1917- , price \$3. Understanding the Child, quarterly, 1937- , price 50 cents a year.

822. National Committee of Health Council Executives. *Chairman:* Howard W. Green. *Secretary:* Anna J. Haines, 424 West Jefferson Street, Louisville, Ky. Officers elected for one year; terms expire June, 1942.

History: Organized 1927 to stimulate the extension of the idea of the health council, and to provide for exchange of experiences and discussion of suitable activities for health councils.

Object: To provide for the exchange of experiences, the consideration of mutual problems, the discussion of suitable activities, and the improvement of work undertaken by Health Councils, including the promotion of the efficient administration of public health work.

Membership: Professional workers of health councils and departments of health. Members, Associate members, and Members at large. Annual dues \$1. Total membership 44.

Meetings: Two meetings are held annually, one at the time of the National Conference of Social Work, and one at the annual meeting of the America Public Health Association.

823. National Committee on Education by Radio. 1 Madison Avenue, New York, N. Y. **President:** Arthur G. Crane, Laramie, Wyo. **Secretary:** Ruth L. Goodnough.

Object: To promote the use of radio for educational, cultural, and civic purposes.

Membership: Total membership 9.

Meetings: Semiannual.

Publications: Education by Radio, quarterly, 1-11, 1930-1941.

824. National Conference of Social Work. **President:** Shelby M. Harrison, 130 East 22nd Street, New York, N. Y., **Secretary:** Howard R. Knight, 82 North High Street, Columbus, Ohio. Term of President expires June, 1942; Secretary appointed for an indefinite period.

History: Organized 1873 as the National Conference of Charities and Corrections; name changed to present title in 1917. **Technical Sections:** Social Group Work, Community Organization, Social Action, Public Welfare Administration, and special committees organized annually by the Program Committee to deal with a wide variety of topics relating to social work.

Object: The National Conference of Social Work exists to facilitate discussion of the problems and methods of practical human improvement, to increase the efficiency of agencies and institutions devoted to this cause, and to disseminate information.

Membership: Active members, annual dues \$5 with Proceedings, \$3 without Proceedings; Sustaining members \$10; Institutional members \$25. Total membership 6,000. List of members available for 50 cents.

Meetings: Annual, in different parts of the country each year.

Publications: Conference Bulletin, quarterly, 1-45, 1896-1941, price 50 cents, free to members. Proceedings, annual, 1-68, 1873-1941, price \$5.

825. National Conference on Pharmaceutical Research. **President:** Heber W. Youngken, Massachusetts College of Pharmacy, Boston, Mass. **Secretary:** John C. Krantz, Jr., University of Maryland School of Medicine, Baltimore, Md. Officers elected for one year; terms expire August, 1942.

History: Organized 1922.

Object: To encourage pharmaceutical research through such means as: suggesting topics and plans, augmenting special funds, compiling lists of workers and their problems, encouraging specific groups of potential workers, aiding in coordinating research activities of the members of the Conference, and serving as a clearing house for American pharmaceutical research.

Membership: Constituent members, national organizations and bureaus interested in pharmaceutical research, each organization being represented by three delegates voting as a unit; Associate members, the research workers appearing in the Census of Pharmaceutical Research published annually by the Conference; Sustaining members, those persons, firms, or corporations contributing the sum of \$100 annually to the support of the Conference. The Constituent members pay annual dues of \$25. Total membership 500.

Meetings: Annual, at place determined by the Executive Committee.

Publications: Annual Survey of Research in Pharmacy, 1-7, 1932-1941, price \$2, free to members.

826. National Conference on Weights and Measures. National Bureau of Standards, Washington, D. C. **President:** Lyman J. Briggs. **Secretary:** R. W. Smith. Officers elected for one year; terms expire June, 1942.

History: Organized 1905.

Object: To promote efficiency and uniformity in laws, rules, specifications, tolerances, and methods of supervision and test of weights and measures, and to coordinate activities of state and local weights and measures officials.

Membership: Active and Associate members, annual dues \$2. All state and local weights and measures officers in the United States are considered to be, *ex officio*, active members. Associate membership comprises representatives of manufacturers of commercial weighing and measuring devices, business, industry, railroad and industrial weighing and scale departments, and others interested in the proceedings of the Conference. Members of the Weights and Measures Division of the National Bureau of Standards are considered to be active members of the Conference. Representatives of other Federal agencies are considered to be associate members.

Meetings: Annual, in Washington, usually during the first week of June.

Publications: A printed report of the proceedings of each meeting of the Conference is issued in the Miscellaneous Series of the National Bureau of Standards, the 30th Conference, held in 1940, was printed in 1941. Weights and Measures News Letter, issued by the Na-

tional Bureau of Standards in cooperation with the Conference, is nominally on a monthly basis.

827. National Cotton Council of America. Cotton Exchange Building, Memphis, Tenn. *President:* Oscar Johnston, Scott, Miss. *Secretary:* Wm. Rhea Blake. Officers elected for one year; terms expire February, 1942.

History: Organized at Memphis, Tenn., in November, 1938. There are nineteen cotton producing states grouped into fourteen State Unit Organizations; six Cotton Interests—producers, ginners, warehousemen, merchants, crushers, and spinners. *Reference:* Cotton Prosperity Through Organization, in *The South and World Affairs*, May, 1941, pages 5-8.

Object: To increase cotton consumption through scientific research and sales promotion.

Membership: Delegate members, 244, which are designated by recognized Interest Organizations; Supporting members comprise the entire raw cotton industry. Annual dues vary according to type of operation and volume of business.

Meetings: Annual, at various central locations.

Library: 250 publications relating to cotton, not including volumes at Mellon Institute where the chief scientific research is performed.

Research funds, medals, etc.: Funds are provided out of the Council treasury and supplemented by special subscriptions.

Publications: Annual Report.

828. National Cottonseed Products Association, Inc. 731 Sterick Building, Memphis, Tenn. *President:* R. M. Hughes, Greer, S. C. *Secretary:* S. M. Harmon. Term of President, elected for one year, expires May, 1942.

History: Organized 1897 as the Interstate Cottonseed Crushers' Association; name changed to present title in 1929. *Reference:* *Arbitration Journal*, 5: 197, 1941.

Object: To promote the mutual interests of members in their business transactions and in their relations with government and public, and to advance the arts and sciences relating to the cottonseed industry.

Membership: Regular members, dues established annually for oil mills on the basis of tons of cottonseed crushed, and for refineries on basis of barrels of oil refined; \$50 annually for dealers; Special members, annual dues for brokers, \$50, for chemists, \$25; Associate members, annual dues \$25. List of members available.

Library: The Educational Service maintains a library on livestock feeding at 1411 Santa Fe Building, Dallas, Tex.

Research funds, medals, etc.: A cooperative research fellowship is maintained in the U. S. Bureau of Agricultural Chemistry and Engineering.

Publications: Cotton and Cotton Oil Press, biweekly, price \$2 a year, free to members.

829. National Council for the Social Studies. 1201 Sixteenth Street, N. W., Washington, D. C. *President:* Roy A. Price, Syracuse University, Syracuse, N. Y. *Executive Secretary:* Wilbur F. Murra. Term of President, elected for one year, expires December, 1942; Secretary appointed annually.

History: Organized 1921 as the National Council of Teachers of the Social Studies; name changed 1922 to present title. *Reference:* National Education Association: Addresses and Proceedings, 1925-1940.

Object: To promote the study of the problems of teaching the social studies; to encourage research, experimentation, and investigation in these fields; to facilitate the professional and personal cooperation of its members; to hold public discussions; and to sponsor the publication of desirable articles.

Membership: Annual dues \$3. Total membership 3,100.

Meetings: Six meetings a year, at various places.

Publications: Historical Outlook, 1921-1933; name changed to Social Studies, 1934-1936; to Social Education, 8 issues a year, 1-4, 1936-1941, price \$2, free to members. Economic Education, November, 1940, price \$2, free to members.

830. National Council of Geography Teachers. *President:* Floyd Cunningham, Alabama State Teachers College, Florence, Ala. *Secretary:* Thomas L. Barton, Southern Illinois Normal University, Carbondale, Ill. Officers elected for one year; terms expire December, 1942.

History: Organized 1914. State geographic councils are organized in some twenty states.

Object: To increase the effectiveness of geographic education.

Membership: Annual dues \$2.50. Total membership 2,000.

Meetings: Annual, with sectional meetings in the states with affiliated councils; a meeting is also held with the National Educational Association in the summer.

Research funds, medals, etc.: DISTINGUISHED SERVICE AWARD, granted each year in recognition of outstanding service to educational geography. A research fund is administered by a special committee.

Publications: Journal of Geography, monthly, except June, July, and August, price \$2.75, free to members.

831. National Council of Teachers of Mathematics. 719 West Adams Street, Macomb, Ill. *President:* Mary A. Potter, City Hall, Racine, Wis. *Secretary:* Edwin W. Schrei-

ber, State Teachers College, Macomb, Ill. Term of President, elected for one year, expires February, 1942; of Secretary, indefinite.

History: Organized February 24, 1920, at Cleveland, Ohio; incorporated in Illinois, April 28, 1928. The impetus of organization came from the Chicago Mathematics Club (men) in the fall of 1919. There are some 50 local organizations affiliated with the National Council.

Object: To promote the interest of mathematics in America, especially in the elementary and secondary fields.

Membership: Membership is open to any interested person. Annual dues \$2 domestic, \$2.50 foreign. Total membership, about 5,800.

Meetings: Annual meeting, held with the American Association of School Administrators in February; Summer meeting, with the National Education Association in June; Winter meeting, with the American Association for the Advancement of Science in December.

Publications: Mathematics Teacher, monthly, except June, July, August, and September, 1-34, 1908-1941, price \$2, free to members. Yearbook, 1926-1940.

832. National Creamery Buttermakers' Association. *President:* A. M. Helgaas, Madison, S. D. *Secretary:* A. W. Rudnick, 214 South Russell Avenue, Ames, Iowa. Officers elected for one year; terms expire April, 1942.

History: Organized 1891 as the National Creamery Buttermakers and Factory Cheesemakers Association; named changed in 1896 to present title.

Object: To work for the betterment of creamery conditions in general; to promote and develop dairying, and to educate buttermakers for better work.

Membership: Open to operators of creameries, annual dues \$2. Total membership 500.

Meetings: Annual.

Publications: Biennial Report.

833. National Crushed Stone Association, Inc. 1735 Fourteenth Street, N. W., Washington, D. C. *President:* Wm. M. Andrews, Union Limestone Company, New Castle, Pa. *Secretary and Administrative Director:* J. R. Boyd. *Engineering Director:* A. T. Goldbeck. Officers elected for one year; terms expire January, 1943.

History: Organized January 16, 1918; incorporated 1929.

Object: To further the use of crushed stone, to establish standards for its production, and to gather and disseminate practical and useful information relating to the stone trade.

Membership: Active members, stone producers whose annual dues are based on tonnage

production; Associate members, manufacturers of supplies whose annual dues are \$100.

Meetings: Annual.

Research funds, medals, etc.: A Research Laboratory is maintained.

Publications: Crushed Stone Journal, bi-monthly, 1926-1941, free to members. Engineering Bulletins, irregular. Useful Information, irregular.

834. National Dairy Council. 111 North Canal Street, Chicago, Ill. *President:* Milton Hult. *President Emeritus:* M. D. Munn. *Secretary:* A. H. Lauterbach, 608 South Dearborn Street, Chicago, Ill. Officers elected for an indefinite period.

History: Organized June, 1918. There are more than thirty local affiliated units.

Object: To place before the public the facts of the newer knowledge of nutrition showing the fundamental place which dairy products should occupy in the diet.

Membership: Membership is open to all groups within the dairy industry. Annual dues are based on the size of the company. Total membership 400.

Meetings: The first Wednesday in December.

Library: A selected library is maintained covering outstanding work in the field of health education and nutrition; current scientific publications and periodicals are received with complete files of those which relate to food and nutrition.

Research funds, medals, etc.: A research program on new and now unknown food values in dairy products is being undertaken for the American Dairy Association.

Publications: Nutrition News. Dairy Council Digest. Dairy Councilor.

835. National Eclectic Medical Association. *President:* Paul R. Tindall, 20 North Pike Street, Shelbyville, Ind. *Executive Secretary:* Bert D. Strang, 814 Hartman Building, Columbus, Ohio. Officers elected for one year; terms expire June, 1942.

History: Organized 1870.

Object: To promote non-sectarian medicine and to encourage individual initiative in practice and free intercourse with men of medicine throughout the world.

Membership: Active members, annual dues \$10; Honorary members. Total membership 3,000.

Meetings: Annual.

Library: A central library is maintained in Cincinnati, Ohio, with 4,000 volumes in the field of medicine.

Publications: National Eclectic Medical Association Quarterly, 1-31, 1910-1941, price \$1.25, free to members.

836. National Education Association of the United States. 1201 Sixteenth Street, N. W., Washington, D. C. *President:* Myrtle Dahl, Hiawatha School, Minneapolis, Minn. *Executive Secretary:* Willard E. Givens. Term of President, elected for one year, expires July, 1942.

History: The National Teachers' Organization was organized August 26, 1857, at Philadelphia. The name of the association was changed at Cleveland, Ohio, on August 15, 1870, to the National Education Association. The National Education Association of the United States was incorporated under a special Act of Congress approved June 30, 1906, to succeed the National Education Association. The charter was accepted and by-laws adopted at the Fiftieth Anniversary Convention held July 10, 1907, at Los Angeles, Calif.

Object: To elevate the character and advance the interests of the profession of teaching, and to promote the cause of public education in the United States.

Membership: Active, Associate, and Institutional members, annual dues, \$2 for members who receive the Journal; \$5 for members who receive the Journal, Research Bulletins, and Proceedings. A life membership may be obtained on payment of \$100, either in full or in annual installments of \$10 each, life members receiving the same privileges of the \$5 membership.

Meetings: Annual, at place decided upon by the Board of Directors.

Library: A small professional library is maintained at the headquarters for the use of the staff only.

Publications: Journal, monthly, except June, July, and August, free to members. Research Bulletins, 5 issues a year, price \$1. Annual Volume of Addresses and Proceedings, price \$3.

837. National Electrical Manufacturers Association. 155 East 44th Street, New York, N. Y. *President:* G. C. Thomas, Jr., Thomas and Betts Company, Elizabeth, N. J. *Managing Director:* W. J. Donald. Term of President, elected for one year, expires October, 1942.

History: Organized 1926; predecessors date back to 1908.

Object: To promote and further the interests of the manufacturers of electrical apparatus and supplies in their manufacturing, engineering, safety, transportation, and other industrial problems.

Membership: Total membership 362.

Meetings: Annual, in New York City; spring meetings, at Hot Springs, Va.; mid-winter meeting, in Chicago, Ill.

Medals, prizes, and awards: Certificates of Award are issued to members who have served

continuously in the electrical industry for fifty years.

838. National Farm Chemurgic Council, Inc. 50 West Broad Tower, Columbus, Ohio. *President:* Wheeler McMillen, Farm Journal and Farmer's Wife, Philadelphia, Pa. *Managing Director:* E. L. Little. Officers elected for an indefinite period.

History: Organized at Dearborn, Mich., following the first Dearborn Conference of Agriculture, Industry, and Science in May, 1935.

Object: To advance the industrial use of American farm products through applied science.

Membership: Associate members, annual dues \$10, \$25 for three years; Affiliate, \$25; Contributing, support of the work.

Meetings: Annual and regional meetings.

Publications: News Bulletin, semimonthly. Chemurgic Reports, issued from time to time. Proceedings.

839. National Federation of Textiles, Inc. 15 West 37th Street, New York, N. Y. *President:* G. H. Conze, 498 Seventh Avenue, New York, N. Y. *Secretary:* I. L. Blunt. Officers elected for one year; terms expire February, 1942.

History: Organized 1872, in New York City, as the Silk Association of America, Inc.; name changed to present title in 1934.

Object: To promote the interests of those engaged in the business of producing, processing, or distributing silk, rayon, and other synthetic materials and commodities having similar uses, and goods and fabrics, in whole or in part, made therefrom; to provide facilities and services for associations, organizations, and groups of persons, firms, and corporations engaged in such business; and to safeguard the interests of consumers and users of such materials.

Membership: Affiliate members, those engaged in weaving, annual dues 70 cents per loom with a minimum of \$100 and a maximum of \$300; Associate members, non-weaving, annual dues \$100, \$200, and \$300 according to size. Total membership 65.

Meetings: Annual, in New York City.

Library: 7,500 volumes on silk, rayon, and general textiles.

Research funds, medals, etc.: The official laboratory is with the U. S. Testing Company, Hoboken, N. J.

Publications: Annual Report, 1-68, 1873-1941.

840. National Fertilizer Association, Inc. 616 Investment Building, Washington, D. C. *President:* John A. Miller, Louisville, Ky.

Executive Secretary: Charles J. Brand. Officers elected for one year; terms expire June, 1942.

History: The National Fertilizer Association, Inc., was organized in 1925 by consolidating the Southern Fertilizer Association, organized in 1906, and the National Fertilizer Association, organized in 1907. There are twelve districts. *Reference:* A Brief History of the National Fertilizer Association, Commercial Fertilizer, July, 1940.

Object: To encourage the more intelligent use of fertilizers.

Membership: Active and Associate members, manufacturers of fertilizers or related commodities, annual dues 2½ cents per ton of fertilizer sold. Membership list available.

Meetings: Two conventions are held each year, one in Atlanta in November, and one in June, usually at White Sulphur Springs, W. Va.

Library: 1,700 books, 8,000 pamphlets, and 170 periodicals on soils, fertilizers, and economics.

Research funds, medals, etc.: \$2,000 is available for research work.

Publications: Fertilizer Review, quarterly, 1-16, 1926-1941. Yearbook.

841. National Fire Protection Association. 60 Batterymarch Street, Boston, Mass. *President:* Alvah Small, 207 East Ohio Street, Chicago, Ill. *Secretary:* Hovey T. Freeman. *General Manager:* Percy Bugbee.

History: Organized 1896.

Object: To promote the science and to improve the methods of fire protection and prevention, to obtain and circulate information on these subjects, and to secure the cooperation of its members in establishing proper safeguards against loss of life and property by fire.

Membership: Open to any society, corporation, firm, or individual interested in the protection of life or property against loss by fire. The Association is the clearing house for information on fire protection and prevention, and members are privileged to submit to it their individual problems for solution and to receive the literature issued by it. Annual dues for Organization members, \$60; for Associate members, \$10.

Meetings: Annual, at various places.

Publications: Proceedings, 1-44, 1897-1940. News Letter, 1-288, 1916-1941. Quarterly, 1-35, 1907-1941. Volunteer Fireman, 1-8, 1933-1941.

842. National Forum on Deafness and Speech Pathology. 818 South Kingshighway, St. Louis, Mo. *President:* Max Goldstein. *Secretary:* Elizabeth Gorsuch. Officers elected for one year; terms expire February, 1942.

History: Organized as the Society of Progressive Oral Advocates; name changed to present title at the 1940 meeting.

Object: To further work in the pure oral training of the deaf, adult lipreading, and the correction of defects of speech.

Meetings: Annual.

843. National Foundation for Infantile Paralysis, Inc. 120 Broadway, New York, N. Y. *President:* Basil O'Connor. *Secretary:* William F. Snyder. *Executive Secretary:* Peter J. A. Cusack.

History: The organization of the Foundation was sponsored by President Roosevelt on September 23, 1937, and it was organized January 3, 1938.

Object: To lead, direct, and unify the fight against infantile paralysis, to give financial support to scientific research and the education of the profession and laity in the latest advances made, and to direct aid to afflicted persons through County Chapters of the National Foundation.

Meetings: Annual, semiannual, and special meetings of Medical Advisers; annual and special meetings of the Board of Trustees.

Publications: Annual Report.

844. National Gastroenterological Association, Inc. 1819 Broadway, New York, N. Y. *President:* Anthony Bassler, 121 East 71st Street, New York, N. Y. *Secretary:* G. Randolph Manning, 510 Madison Avenue, New York, N. Y. Officers elected for one year; terms expire June, 1942.

History: Organized November 11, 1932, as the Society for the Advancement of Gastroenterology, Inc.; the word "National" was added September 19, 1934; amended June 27, 1938, to present title.

Object: To advance the practice and study of diseases of the digestive tract and accessory organs of digestion including those of nutrition; to stimulate and encourage research in gastroenterology; to promote the practical application of recent advances in gastroenterology, correlate clinical and experimental studies; and to keep a record of medical institutions in which gastroenterology and allied subjects are taught.

Membership: The Association is composed of all Members, Fellows, and Associate Fellows of its constituent chapters and such Members, Fellows, and Associate Fellows who have joined the National Organization directly from a locality where a chapter has no jurisdiction. Annual dues for Fellows \$7; for Members \$5. Total membership 700.

Meetings: Annual, at various places.

Research funds, medals, etc.: About \$1,600 is available for research

Publications: Review of Gastroenterology, bimonthly, 1-8, 1934-1941, price \$2.50 domestic, \$3.50 foreign, free to members.

845. National Geographic Society. 16th and M Streets, Hubbard Memorial Hall, Washington, D. C. *President:* Gilbert Grosvenor. *Secretary:* George W. Hutchison.

History: Founded in 1888 for the increase and diffusion of geographic knowledge. The first of these objects has been achieved by expeditions under its auspices and others in cooperation with other agencies. It has diffused geographic knowledge by the publication of the National Geographic Magazine, technical papers, maps, and memoirs. It also maintains a geographic news service for the press, and makes available, for the use of teachers in public schools of the United States, geographic material for classroom and reference purposes. *Reference:* A short history of the Society has been published under the title "The National Geographic Society and Its Magazine."

Object: The increase and diffusion of geographic knowledge.

Membership: Annual members, annual dues \$3 domestic, \$4 Canadian, \$4 foreign; Life members, fee of \$100. Total membership 1,125,000.

Meetings: The Board of Trustees meets quarterly. There are lectures on Friday evenings, November to April inclusive, in Washington.

Library: 15,000 volumes on geography and related subjects.

Research funds, medals, etc.: The HUBBARD MEDAL and the NATIONAL GEOGRAPHIC SOCIETY SPECIAL MEDAL are awarded for outstanding work in research and exploration. Funds for research are voted from the Society's general funds upon recommendations and plans submitted by the Research Committee and approved by the Board of Trustees.

Publications: National Geographic Magazine, monthly, 1-79, 1888-1941, price \$3.50, to members \$3. Geographic News Bulletin, weekly during the school year, 1-20, 1922-1941, price 25 cents domestic, 50 cents Canada, sold to schools and teachers only. National Geographic Monographs, nos. 1-10, 1896. Contributed Technical Papers: Katmai Series, vol. 1, nos. 1-4; vol. 11, no. 1; 1923-1929. Pueblo Bonito Series, vol. 1, no. 1, 1935. Stratosphere Series, vol. 1, nos. 1-2, 1935-1937, price vol. 1, no. 2, \$1.50. Eclipse Series, vol. 1, no. 1, 1939. Mexican Archaeology Series, vol. 1, no. 1, 1940.

846. National Health Council, Inc. 1790 Broadway, New York, N. Y. *President:* Kendall Emerson. *Secretary:* Dorothy Deming. Terms of officers expire in 1942.

History: Organized 1921.

Object: The coordination of the activities of the member organizations, and such other activities for the betterment of health as may be determined upon.

Membership: National public health organizations, both official and unofficial. Active members, 14; Associate, 2; Advisory, 2. Dues are determined by the Board of Directors in consultation with the delegates of the respective member organizations. List of members available in the Statement of Membership and Activities.

Meetings: Annual meeting; special meetings at the call of the President or the Board of Directors.

Library: Approximately 6,000 volumes, 30,000 pamphlets, and 500 periodicals, including health bulletins and reports from states and principal cities.

Publications: National Health Series, price \$6.50 a set of 20. Library Index, weekly, mimeographed, price \$2.50 for those not on the staff of a supporting agency.

847. National Highways Association. Bass River, Cape Cod, Mass. *President:* Charles H. Davis.

History: Incorporated 1912.

Object: To further the development of national highways and of good roads in the United States.

Membership: Council members, no fees; Founders, not to exceed one for each state, district, territory, and dependency of the United States, \$25,000; National members, not to exceed two for each state, etc., \$10,000; State, not to exceed the number of members of the House of Representatives of the Congress of the United States, \$2,000; Collective, Corporate, and Association members, dues prescribed from time to time; Patron, \$100; District members, annual dues \$10; Highway members, \$5; Union, \$1; Scout and Camp-fire, 50 cents. Total membership, more than 1,000,000.

Meetings: Annual, in Washington, D. C., the second Monday in March.

Library: The Davis Library of Highway Engineering and Transport is located at the University of Maryland.

Research funds, medals, etc.: The amount for research varies from year to year, dependent upon voluntary contributions.

848. National Industrial Conference Board, Inc. 247 Park Avenue, New York, N. Y. *President:* Virgil Jordan. *Secretary:* Fairfield E. Raymond.

History: Organized as a non-profit institution for scientific research, professional education, practical service, and public information in the field of business economics and business management, on May 5, 1916. *Sections:* Indus-

trial Economics, Labor Statistics, Management Research.

Object: To assemble, analyze, and present accurate, complete, and useful information regarding economic conditions and management experience in the United States and other countries, and to distribute such information systematically among business executives and others interested in it.

Membership: Subscribing Associates, 1,700.

Meetings: There are nine monthly meetings held each year, in New York City.

Library: 10,000 volumes on economics and management.

Publications: Conference Board Reports. Economic Record. Management Record. Publications are available only to Subscribing Associates. Annual Report, issued in September.

National Institute of Psychology. See no. 1267 in *Addenda*.

849. National Inventors Council. Department of Commerce Building, Washington, D. C. **Chairman:** Charles F. Kettering, Detroit, Mich. **Secretary:** Lawrence Langner, New York, N. Y. **Director of Staff:** Thomas R. Taylor.

History: Created by the Secretary of Commerce, with the concurrence of the President of the United States, July 11, 1940.

Object: To maintain a central clearing house for inventions to which ideas may be submitted pertinent to the defense program.

850. National League of Nursing Education. 1790 Broadway, New York, N. Y. **President:** Stella Goostray, Children's Hospital, Boston, Mass. **Secretary:** Marian Durell, Belleplain, N. J. Officers elected for two years; term of President expires 1942; of Secretary, 1943.

History: Organized June, 1893, as the American Society of Superintendents of Training Schools for Nurses; name changed to present title in 1912. There are forty state leagues of nursing education and forty-five local leagues associated with the National League. **Reference:** Story of the National League of Nursing Education, by Munson and Stevens, 1934.

Object: To consider questions relating to nursing education, to define and maintain minimum standards for admission and graduation in schools of nursing throughout the country, to assist in furthering matters pertaining to public health, to aid in measures for public good by cooperating with other bodies, to promote cordial professional relations and fellowship, and to develop and maintain the highest ideals in the nursing profession.

Membership: Active members, annual dues \$3; Junior Active, \$2; Associate, \$2; Sustain-

ing, \$8. Total membership 7,278. List of members available for \$2.

Meetings: Annual.

Publications: Annual Report, price \$2, free to members. The American Journal of Nursing serves as the official magazine of the League.

851. National Lime Association. 927 Fifteenth Street, N. W., Washington, D. C. **President:** S. Walter Stauffer. **Secretary:** W. Vernon Brumbaugh. Officers elected for one year; terms expire June, 1942.

History: Organized 1902 as the National Lime Manufacturers' Association; reorganized 1918 under the present title.

Object: To encourage a better appreciation of the economic value of lime in its various uses.

Membership: Active and Allied members, consisting of lime manufacturers of the United States or Canada. Annual dues are based upon tonnage of lime manufactured.

Meetings: Annual, at various places.

Library: 750 volumes on lime.

Research funds, medals, etc.: Fellowships are maintained at Rutgers University, Massachusetts Institute of Technology, and the University of Illinois.

Publications: Bulletin. Folders. Charts. Limeographs, monthly, 1-7, 1934-1941. Publications are issued free to members.

852. National Live Stock and Meat Board. 407 South Dearborn Street, Chicago, Ill. **President:** Albert K. Mitchell, Bell Ranch, N. Mex. **Secretary:** R. C. Pollock. Officers elected for one year; terms expire June, 1942.

History: Organized 1922.

Object: To further the interests of the livestock and meat industry.

Membership: Livestock growers and feeders, marketing agencies, meat packers, and meat retailers; elected by organizations of the industry. Total membership 23.

Meetings: Annual and semiannual meetings.

Library: 500 volumes on merchandising, nutrition, and home economics.

Research funds, medals, etc.: National Live Stock and Meat Board Fellowships are maintained at the University of Arkansas, the University of Chicago, the University of Minnesota, and the University of Wisconsin.

853. National Lumber Manufacturers Association. 1337 Connecticut Avenue, Washington, D. C. **President:** M. L. Fleishel, Shamrock, La. **Secretary:** Wilson Compton.

History: Organized 1902; incorporated 1915. **Object:** Education and research in the lumber industry, and the promotion of the lumber trade.

Membership: There are fifteen subscribing associations.

Meetings: Annual meeting, usually in Chicago; summer meeting, on the West Coast.

Laboratory: The Association cooperates with the Forest Products Laboratory at Madison, Wis.

Publications: National Lumber Trade Barometer, weekly, 1- , 1916- . Four-weekly and quarterly supplements are issued.

854. National Macaroni Manufacturers Association. *President:* Joseph J. Cuneo, Connelleville, Pa. *Secretary:* M. H. Donna, Braidwood, Ill. Term of President expires June, 1941; Secretary reappointed annually at June convention.

History: Organized 1904 as the National Association of Macaroni and Noodle Manufacturers of America; name changed to present title in 1919.

Object: The promotion of the macaroni industry.

Membership: Active members; Associate members; Honorary members. Annual dues \$25 to \$200, depending on plant capacity.

Meetings: Annual, usually in June; mid-year meeting in January in connection with the Canners' Convention.

Research funds, medals, etc.: A laboratory is maintained at 2026 Eye Street, Washington, D. C.

Publications: Macaroni Journal, price \$1.50.

855. National Malaria Society. *President:* J. H. O'Neill, New Orleans, La. *Secretary:* Mark F. Boyd, P. O. Box 997, Tallahassee, Fla. Terms of officers expire December, 1942.

History: Organized as the National Malaria Committee at the conference called by the Surgeon General of the U. S. Public Health Service at Washington, D. C., on May 10, 1918; name changed to present title November, 1941.

Object: To study malaria, and to stimulate among individuals and organizations a scientific and practical interest in its cause, prevalence, prevention, and treatment.

Membership: Active members, 190, annual dues \$3; Honorary, 20.

Meetings: Annual, conjointly with the Southern Medical Association.

Publications: Plans are being formulated for the publication of an annual journal.

856. National Medical Association, Inc. *President:* H. E. Lee, 200 Pilgrim Building, Houston, Tex. *Secretary:* John T. Givens, 1108 Church Street, Norfolk, Va. Term of President, elected for one year, expires August 1942.

History: Organized in Atlanta, Ga., in 1895.

Object: The promotion of the scientific, professional, fraternal, and general welfare of members of the medical profession.

Membership: Annual dues \$5. Total membership 2,500. List of members available.

Meetings: Annual, in different places.

Publications: Journal of the National Medical Association, bimonthly, 1908-1941, price \$3 domestic, \$3.50 foreign, free to members.

857. National Medical Council on Birth Control. 501 Madison Avenue, New York, N. Y. *Chairman:* Prentiss Willson, Farragut Medical Building, Washington, D. C. *Secretary:* Woodbridge E. Morris.

History: The Council was formed in June, 1936.

Object: The object of the Executive Committee is to control and supervise the medical policies of the Birth Control Federation of America, Inc.; of the membership, to initiate, encourage, and execute appropriate teaching and clinical research in the medical aspects of birth control.

Membership: Membership is by invitation and is restricted to members of the medical profession. There are no dues. Total membership 207. Membership list available.

Meetings: Upon call of the Executive Committee, at various places, dependent upon other national medical organization meetings.

858. National Mineral Wool Association. *President:* M. L. Kuykendall, 10807 Lyndon Road, Detroit, Mich. *Secretary:* Wharton Clay, 1270 Sixth Avenue, New York, N. Y. Term of President, elected for one year, expires December, 1942.

History: Organized 1935 as the National Association of Rock and Slag Wool Industries; name changed to National Rock and Slag Wool Association 1936; name changed to present title in 1938.

Object: To promote the mineral wool industry.

Membership: Regular members, annual dues based on a percentage of net sales; Affiliate members, those mineral wool manufacturers who live too far away to attend meetings and vote, annual dues \$100.

Meetings: Bimonthly, in Chicago, Cleveland, or Detroit.

Library: Many pamphlets on insulation.

Research funds, medals, etc.: \$50,000 is provided for research. A laboratory is maintained at the University of Minnesota.

Publications: Performance, 6 issues a year, 1-3, 1939-1941, price \$24.

859. National Nutrition Society. 1819 Broadway, New York, N. Y. *President:* Victor H. Lindlahr. *Secretary:* William D. Heller.

History: Organized June, 1936.

Object: To disseminate popular information on nutrition.

Membership: Total membership 62,000.

Meetings: Annual, at Carnegie Hall, New York City.

Publications: Journal of Living, monthly, 1-7, 1935-1941, price \$2.

860. National Organization for Public Health Nursing, Inc. 1790 Broadway, New York, N. Y. *President:* Grace Ross, 3919 John R. Street, Detroit, Mich. *Secretary:* Dorothy Deming. Terms of officers, elected for two years, expire May, 1942.

History: Organized 1912.

Object: To provide information for individuals and agencies interested in public health nursing, and to develop and maintain high standards of public health nursing service.

Membership: Individual, Agency, and Life members. Annual dues \$3. Total membership 10,700.

Meetings: Biennial convention, held at various places.

Publications: Public Health Nursing, monthly, price \$2 to members, \$3 to non-members.

861. National Oxygen and Acetylene Association. *President:* John R. Gobey, 150 East Broad Street, Columbus, Ohio. *Secretary:* Irvin H. Fatchild, 231 South La Salle Street, Chicago, Ill.

History: Organized August 9, 1933, and chartered under the non-profit statutes of the State of Illinois. *Divisions:* Commercial Gas, Apparatus, and Medical Gas.

Object: To foster the science and art of producing and utilizing oxygen, calcium carbide, and acetylene gas, and substitutes therefor; to cooperate with legislative, regulatory, and advisory bodies in safeguarding the interests of the industry and the public; and to promote the welfare of its members and of the public as related to the production and use of the products of this industry.

Membership: Any person, firm, or corporation engaged in the oxy-acetylene industry is eligible for membership. Annual dues \$25; membership is also subject to assessment by the Directors.

Meetings: Annual, in the fall, at a place selected by the Directors.

862. National Paint, Varnish and Lacquer Association, Inc. 1500 Rhode Island Avenue, N. W., Washington, D. C. *President:* Ernest T. Trigg. *Secretary:* Reuel W. Elton. Term of President, elected for three years, expires October, 1942; Secretary appointed.

History: The first local paint association was created in Boston in 1884, as the Paint and Oil Club of New England. This was followed by the creation of a club in Philadelphia in 1887, and a year later by paint clubs in New York City, Chicago, St. Louis, Cincinnati, and Pittsburgh. With these local organizations as a nucleus, it was decided to coordinate the interests of the industry into a national organization known as the National Paint, Oil, and Varnish Association, which came into existence in 1888. In 1899 a group of paint manufacturers organized the Paint Grinders' Association of the United States. The name of this association was changed in 1907 to the Paint Manufacturers' Association of the United States. In 1903 the National Varnish Manufacturers' Association was created. In 1926 these last two consolidated, forming the American Paint and Varnish Manufacturers' Association. In 1903 the Paint Grinders' Association created an advertising committee, which was converted into the Bureau of Promotion and Development in 1905. Two or three years later the National Varnish Manufacturers' Association was invited to join in the work of this Bureau; the name of it was changed in 1908 to the Educational Bureau, at which time the representatives of the National Paint, Oil and Varnish Association were added to its membership, making it a joint board representing the three national organizations in the industry. In 1933 it was decided to consolidate into one strong national organization, and this was unanimously authorized at a joint meeting of the industry held in Chicago in October, 1933. This meant the consolidation of the National Paint, Oil and Varnish Association and the American Paint and Varnish Manufacturers' Association into the one existing organization known as the National Paint, Varnish and Lacquer Association, Inc.

Object: To promote the welfare of the industry, to strengthen business and fraternal relations among members, to remove evils and customs contrary to sound business principles and ethics, to safeguard the interests of the public, and to subscribe to and abide by such codes of fair competition as may be approved by the President of the United States, which shall become a part of this Constitution. The Association shall not directly or indirectly restrict free and lawful competition.

Membership: Individuals, firms, and corporations who are manufacturers and/or wholesalers of paints, varnishes, lacquers, water paints, and kindred products compose Class A, annual dues based on percentage of total sales of the products of the industry for the previous fiscal year; individuals, firms, and corporations who are manufacturers and/or wholesalers of

materials used in connection with the manufacture and/or application of paints, varnishes, lacquers, water paints, and kindred products compose Class B, annual dues as in Class A; wholesalers of paints, etc., who are direct members of the National Association on account of the Wholesale Division compose Class E, annual dues as in Class A and B. Total membership 1,150. List of members published in the Yearbook.

Meetings: Annual, at various places.

Library: 1,000 volumes on technical subjects.

Research funds, medals, etc.: A laboratory is maintained in Washington, D. C., for research in the paint, varnish, and lacquer industry.

Publications: Scientific Section, Section Circulars, 20 to 30 issues a year. Open Door, monthly. Your Weekly Letter. Yearbook. Publications are free to members but not available to non-members.

863. National Parks Association. 1214 Sixteenth Street, N. W., Washington, D. C. *President:* Wm. P. Wharton, Groton, Mass. *Executive Secretary:* Edward B. Ballard. Term of President, elected for one year, expires May, 1942; Secretary, permanent.

History: Organized May 19, 1919.

Object: To give the Nation a voice in maintaining the standards of America's national primeval parks, in protecting those parks against harmful interference, and in supporting their appropriate use for the continuing refreshment, education, and inspiration of the American people.

Membership: Annual members, annual dues \$3; Supporting, \$5; Sustaining, \$10; Contributing, \$25; Life, payment of \$100; Patron, payment of \$1,000. Total membership 735.

Meetings: The Board of Trustees meets annually in Washington, D. C.

Research funds, medals, etc.: A grant of \$1,732 has been made to the Association for publication of a Report on the Primitive.

Publications: National Parks Bulletin, at least 2 issues a year, 1-69, 1919-1941, free to members.

864. National Paving Brick Association. National Press Building, Washington, D. C. *President:* C. C. Blair, Renkert Building, Canton, Ohio. *Secretary:* W. H. Cullimore. Term of President, elected for one year, expires January, 1943.

History: Organized February, 1905, at Birmingham, Ala.

Object: To bring to the attention of the public the merits of vitrified brick as a paving material, and the best methods of using it for this purpose; and to disseminate among the

members, technical knowledge relating to the manufacture of paving brick.

Membership: Any person, firm, or corporation engaged in the manufacture and sale of paving brick is eligible for membership. Annual dues are based on the quantity of paving brick shipped by member companies for street and highway paving purposes. List of members available.

Meetings: Annual.

Research funds, medals, etc.: In 1934 the Association established a Research Bureau at the Ohio State University Experiment Station, in Columbus. About ten percent of the budget is devoted to research; this amount is augmented at times for special projects.

Publications: Dependable Highways, quarterly, free. Proceedings of Annual Meeting. Statistical Bulletin. Business Review. Publications are free to members.

865. National Petroleum Association. Munsey Building, Washington, D. C. *President:* N. H. Weber, 35 East Wacker Drive, Chicago, Ill. *Secretary:* Herbert G. Eaton, Warren, Pa. Terms of officers, elected for one year, expire September, 1942.

History: Organized 1902; incorporated 1907.

Reference: The Petroleum Association, 1902-1927.

Object: To foster, protect, and promote the welfare and interests of persons engaged in the refining of petroleum and its products; and to protect and encourage the petroleum business and commerce.

Membership: Refiners and Affiliated Companies. Total membership 63. List of members in program of Annual Meeting.

Meetings: Two meetings a year, one in April in Cleveland, Ohio, and one in September in Atlantic City, N. J.

Publications: Special Bulletins. General Bulletins.

866. National Plant Board. *Chairman:* Carl J. Drake, Station A, Ames, Iowa. *Secretary:* B. P. Livingston, P. O. Box 220, Montgomery, Ala. Officers elected for one year; terms expire October, 1942.

History: The name of the organization was changed from the National Plant Quarantine Conference Board to the present title, on June 25, 1926.

Object: To correlate plant inspection, plant quarantine, and plant regulatory work as enforced by the various states and territories.

Membership: The United States is divided into four regional plant boards: Eastern Plant Board, Southern Plant Board, Western Plant Board, and Central States Plant Board. Membership of the regional boards is composed of the state official, usually the State Entomologist,

in charge of plant inspection and quarantines for the state concerned. The National Plant Board is composed of two members from each of the four regional boards, which members are elected by the respective boards. The annual fee of each Board is \$50.

Meetings: The Board meets at the call of the Chairman or on request of four members.

867. National Research Council. 2101 Constitution Avenue, Washington, D. C. *Chairman:* Ross G. Harrison. *Executive Secretary:* Albert L. Barrows.

History: Organized 1916, at the request of President Wilson, by the National Academy of Sciences, under its congressional charter, as a measure of national preparedness, and continued as a permanent organization after the war in accord with an Executive Order of May 11, 1918. *Divisions:* Foreign Relations, Educational Relations, Physical Sciences, Engineering and Industrial Research, Chemistry and Chemical Technology, Geology and Geography, Medical Sciences, Biology and Agriculture, and Anthropology and Psychology. *References:* National Research Council, by Vernon Kellogg, *Educational Review*, 62: 365-373, 1921. *National Focus of Science and Research*; Home of the National Academy of Sciences and the National Research Council, by George E. Hale, *Scribner's Magazine*, 72: 515-531, 1922. *Addresses at Dedication of the Building for the National Academy of Sciences and the National Research Council*, Science, n. s. 59: 405-410, 1924. *History of the National Research Council, 1919-1933*, Reprint and Circular Series of the National Research Council no. 106, 61 pages, 1933. *Summary Statements of the Activities of the National Research Council*, published in Science for 1933-1934 through 1938-1939.

Object: The promotion of research in the physical and biological sciences, and the encouragement of the application and dissemination of scientific knowledge for the benefit of the nation.

Membership: About 220; composed essentially of representatives of national scientific and technical societies (about 85), representatives of governmental agencies and other research institutions, together with a limited number of members-at-large. Membership is by election and appointment by the President of the National Academy of Sciences. No dues.

Meetings: Bimonthly meetings of the Administrative Committee; annual meetings of the Divisions and Executive Board.

Library: The Council maintains a library, limited mainly to reference books, directories, abstracting journals, and other source books.

Research funds, medals, etc.: Of funds placed in the hands of the National Research Council for administration and for specially des-

igned research purposes, the Council made the following disbursements during the fiscal year 1940-1941: For the support of research fellowships, \$83,187; for the support of special projects of cooperative research in charge of committees and boards of the Council, \$271,955; for research projects undertaken (by contract) at the request of governmental agencies, \$355,153; for the account of independent organizations for which the Research Council acts as fiscal agent, \$33,055; and for general administration, \$110,449; total expenditure, \$853,799.

The funds for the general administrative expenses of the Council are derived mainly from the income from an endowment given by the Carnegie Corporation to the National Academy of Sciences for the erection and maintenance of a headquarters building in Washington and for purposes of the National Research Council.

Publications: Annual Report, 1916-1940; Reports are issued with the Report of the National Academy of Sciences and reprinted for distribution; Report for 1916 not published separately. Bulletin, occasional, no. 1-106, 1919-1941, variously priced. Reprint and Circular Series, occasional, no. 1-109, 1919-1940, variously priced. Organization Pamphlet, annual.

868. National Research Council of the Philippines. Bureau of Science Building, Herran Street, Manila, P. I. *Chairman:* Bienvenido M. Gonzalez. *Executive Secretary:* Patrocinio Valenzuela. Officers elected for one year; terms expire February, 1942.

History: Created December 8, 1933, by Act of the Philippine Legislature, and organized with the cooperation of the Department of Agriculture and Commerce on March 23, 1934. *Divisions:* There are seven divisions: Government, Foreign, and Educational Relations; Physical and Mathematical Sciences; Medical Sciences; Chemical and Pharmaceutical Sciences; Biological Sciences; Agriculture and Forestry; Engineering and Industrial Research. *Sections:* There are sixty-nine sections.

Object: To aid research through organization, to advance specific pieces of research and the training of talented personnel, to give selected projects support through special grants, and to maintain and improve relations with scientists of different countries.

Membership: Members shall not exceed 150. Charter members are those appointed by the President of the Philippines and confirmed by the National Assembly; regular members are elected by the Council at its annual meeting. Associate members are those elected by the Executive Board upon recommendation of a Section of the Council. Membership in the Council is limited to citizens of the Philippines or of the United States, but this does not apply to members of sections acting under the Council.

The membership at present consists of 100 charter members, 13 regular members, and 375 associate members. No dues are required. The Council is an official body functioning under the Office of the President of the Philippines. Membership is honorary.

Meetings: Annual, in February, in Manila. Scientific conferences are held monthly. Science Conventions are held biennially. The Seventh Pacific Science Congress of the Pacific Science Association will be held in Manila, November 1-15, 1943, under the auspices of the National Research Council of the Philippines.

Library: Publications and pamphlets received by the Council are housed in the Scientific Library of the Bureau of Science.

Research funds, medals, etc.: 10,000 pesos is available for grants-in-aid of research from the Commonwealth of the Philippines. HAUSERMANN RESEARCH FUND, 8,521 pesos. A research fund for suitable raw materials for glass making purposes, and other scientific investigations, is available from Andres Soriano and San Miguel Brewery, 1,935 pesos. FARMACIA MANUEL ZAMORA GRANT, for scientific investigation of tiki-tiki products, 2,800 pesos. T. H. EDWARDS RESEARCH FUND, on Almaciga Tapping Experiment, 938 pesos. INHELDER FUND, for medical research, 10,000 pesos. The University of the Philippines College of Medicine Class of 1914 Grant, for medical research in the University of the Philippines, 1,000 pesos.

Publications: Bulletin, no. 1-26, separately priced, free to members and associates.

869. National Research Foundation for the Eugenic Alleviation of Sterility, Inc. Nesconset, Long Island, N. Y. *Medical Director:* Frances I. Seymour. *Executive Secretary:* Alfred Koerner, 53 East 96th Street, New York, N. Y. Officers elected for an indefinite period.

History: Organized 1935; incorporated 1940.

Object: To reduce sterility in those eugenically sound and to that end to continue research, to give suitable medical aid, to further education, to publish results, and to initiate suitable legislation.

Membership: Members and Fellows. Total membership 200.

Meetings: Annual, in New York City; special meetings are held at irregular intervals.

Library: 400 new and old standard works, and original reprints on sterility.

Research funds, medals, etc.: A laboratory is maintained at Nesconset, Long Island. Lectures are given through the society for education in heredity and eugenics.

870. National Rivers and Harbors Congress. 1147 Connecticut Avenue, Washington, D. C. *President:* Representative Dewey Short,

Galena, Mo. *Secretary:* Fred D. Beneke, Peabody Hotel, Memphis, Tenn. Officers elected for one year; terms expire March, 1942. *Executive Vice President:* William H. Webb.

History: Organized October, 1901.

Object: To promote the improvement, development, conservation, and utilization of the nation's rivers, harbors, lakes, waterways, and water resources.

Membership: Active, Associate, Honorary, and Life members. Annual dues \$5 to \$200. Total membership 10,000.

Meetings: Annual, usually in Washington, D. C.

Library: 5,000 volumes on rivers, harbors, lakes, and waterways, flood control, and soil and water conservation.

Publications: National Rivers and Harbors Bulletin, 1-4, 1933-1939. News, 5-6, 1939-1940. Proceedings, 1901-1928; 1915-1921 and 1929 to date not published.

871. National Safety Council, Inc. 20 North Wacker Drive, Chicago, Ill. *President:* John Stilwell, Consolidated Edison Company, New York, N. Y. *Managing Director:* W. H. Cameron. Term of President, elected for one year, expires October, 1942.

History: Organized 1913 as the National Council for Industrial Safety; name changed 1914 to present title. There are twenty-six technical sections.

Object: To promote the conservation of human life and the safety, health, and welfare of the individual, the worker, and the general public, particularly through the prevention of accidents in industry, in homes, on streets and highways, and in other public places, and the prevention of occupational diseases.

Membership: Industrial, Commercial, Vehicle, Insurance, Railroad, Public Safety, School, Association, Library, and Individual members. Annual dues are based on size and type of membership. Total membership 5,206.

Meetings: The National Safety Congress is held annually in different cities.

Library: 75,000 items of literature, books, pamphlets, memos, reports, etc., on the various phases of human activity and accident prevention. A Bureau of Information is maintained.

Research funds, medals, etc.: PRESIDENT'S MEDAL, awarded for resuscitation from asphyxiation by gas, suspended breathing caused by gas or carbon monoxide poisoning, drowning, or electric shock, or any other accidental causes that may result in prolonged suspension of voluntary or natural breathing. Any person, ten years of age or older, is eligible, except those persons eligible for the Insull, McCarter, or similar resuscitation awards. The award is made

only when resuscitation is by the Prone Pressure Method.

Publications: National Safety News, monthly, 1-43, 1919-1941; additional copies, to members only, \$4 a year. Public Safety, monthly, 1-19, 1927-1941, price \$3. Safety Education, monthly, September through May, 1-20, 1924-1941, price \$2. Industrial Supervisor, monthly, 1-9, 1935-1941, price \$1.30. Safe Worker, monthly, 1-14, 1928-1941, price 60 cents. Safe Driver, monthly, 1-12, 1931-1941, price 60 cents. Transactions: Industrial volume, additional copies to members, \$2; Public Safety volume, additional copies to members, 75 cents.

873. National Sand and Gravel Association, Inc. Munsey Building, Washington, D. C. **President:** Paul P. Bird, Boston, Mass. **Executive Secretary:** V. P. Ahearn. **Director of Engineering:** Stanton Walker. Term of President expires January, 1942.

History: Organized February 14, 1911, as the National Association of Sand and Gravel Producers; name changed 1923 to present title.

Object: To promote and extend the use of the products of the industry; to provide an organization for the cooperation of members and the coordination of their efforts, with those of other trade associations and with governmental agencies, in the furtherance of projects affecting the industry; to establish and maintain the highest standard of business practices, customs, and usages among its members; and to protect the interests of the industry.

Membership: Active members, established sand and gravel producers; Associate members, individuals, firms, or corporations who are not producers of sand and gravel, but interested in the activities of the Association. Annual dues are based on production during the previous year. Total membership, about 200.

Meetings: Annual, in January; semiannual meetings in the summer or fall.

Library: The library covers the subject of construction materials.

Research funds, medals, etc.: The National Sand and Gravel Association Research Foundation is maintained at the University of Maryland, College Park, Md., and is equipped with standard apparatus for the usual tests of aggregates, concrete, and mortar. In addition, a research fellowship is offered, leading to a Master of Arts degree in Civil Engineering.

873. National Shellfisheries Association. **President:** Joseph B. Glancy, Bluepoints Company, West Sayville, Long Island, N. Y. **Secretary:** Richard Messer, Virginia State Board of Health, Richmond, Va. Terms of officers, elected for one year, expire June, 1942.

History: Organized 1908 as an association of the state commissioners and members of the Bureau of Fisheries and Public Health Service; the membership has been broadened to include those interested in shellfish, from a scientific standpoint or otherwise. The original name was the National Association of Shellfish Commissioners; changed in 1915 to National Association of Fisheries Commissioners; in 1930 to present title.

Object: To promote interest in the study of problems concerned with the biology of shellfish and their enemies, and to make practical suggestions of value to the industry.

Membership: Annual dues \$2; for state commissions, \$25. Total membership 50. Membership list available.

Meetings: Annual, at various places.

874. National Slag Association. 644 Earle Building, Washington, D. C. **President:** G. A. Mattison, Jr., Birmingham, Ala. **Managing-Director:** H. J. Love. Officers elected for one year; terms expire January, 1943.

History: Organized 1918. Originally located at Cleveland, Ohio, the Association moved its headquarters to Washington in the spring of 1934.

Object: To conduct research, and to collect and distribute information pertaining to the uses and characteristics of blast furnace slag.

Membership: Active members, limited to companies crushing and screening air-cooled blast furnace slag. The budget is taken care of by monthly contributions based on an estimate of the year's requirements.

Meetings: Annual.

Library: 2,000 items on the uses and characteristics of blast furnace slag.

Research funds, medals, etc.: The National Slag Association Laboratory is maintained at Youngstown, Ohio, under the direction of Fred Hubbard.

875. National Slate Association. **Secretary:** W. S. Hays, 455 West 23rd Street, New York, N. Y.

History: Organized June, 1922.

Object: To promote and extend the use of slate and slate products.

Membership: Slate manufacturers and quarriers, entrance fee \$10, annual dues vary according to class of membership.

Meetings: Annual meeting; regional meetings in Maine, Vermont-New York, Pennsylvania, and Virginia districts.

Research funds, medals, etc.: A laboratory is maintained by arrangement with Lafayette College, Lehigh University, and Rensselaer Polytechnic Institute.

Publications: News Bulletin, free to members.

876. National Society for the Prevention of Blindness, Inc. 1790 Broadway, New York, N. Y. *President:* Mason H. Bigelow. *Secretary:* Regina E. Schneider. Officers elected for one year; terms expire in the spring of 1942.

History: Organized 1915 as the National Committee for the Prevention of Blindness, by the combination of the American Association for the Conservation of Vision and the New York State Committee for the Prevention of Blindness. Incorporated 1918; name changed 1927 to present title.

Object: To study and investigate the causes, direct or indirect, which may result in blindness or impaired vision, to advocate measures which shall lead to the elimination of such causes, and to disseminate knowledge concerning matters pertaining to the care and use of the eyes.

Membership: Associate members, annual dues \$50 to \$100; Sustaining, \$10 to \$50; Subscribing, \$5; Contributing, \$2. Total membership, approximately 2,000 members in all classes and 17,000 donors of various amounts.

Meetings: Annual business meeting, in New York City; Biennial Conference, generally in New York City, but occasionally elsewhere.

Library: Approximately 1,200 volumes, 13,000 pamphlets and mounted clippings, 500 complete sets of periodicals, 150 or more periodicals received currently. The Society also contributes to the support of the National Health Library, 1790 Broadway, New York City.

Research funds, medals, etc.: Occasional aid is given to research studies; scholarships are offered from time to time to prospective sight-saving class teachers and medical social eye workers.

Publications: Annual Report, 1915-1940. Conference Proceedings, 1926-1940. News Letter, occasional, 1915-1941. Sight-Saving Class Exchange, four times a year, 1924-1941. Sight-Saving Review, quarterly, 1931-1941, price \$2. Publications, 1915-1941.

877. National Society for the Study of Education. *Chairman of the Board of Directors:* William C. Bagley, Teachers College, Columbia University, New York, N. Y. *Secretary:* Nelson B. Henry, 5835 Kimback Avenue, Chicago, Ill. Term of Chairman, elected for one year, expires March, 1942.

History: Organized 1902 as the National Herbart Society; name changed in 1906 to present title. *Reference:* School and Society, 54: 163-167, 1941.

Object: To promote the investigation and discussion of educational questions.

Membership: Any person interested may become a member, entrance fee \$1, annual dues

\$2.50; Honorary members. Total membership 1,200. Membership list available for \$1.

Meetings: Annual, at the time and place of the annual February meeting of the American Association of School Administrators.

Publications: Yearbook, separately priced.

878. National Society of Professional Engineers.

President: Elmer A. Holbrook, University of Pittsburgh, Pittsburgh, Pa. *Executive Secretary:* Edward Larson, 886 National Press Building, Washington, D. C. Term of President, elected for one year, expires December, 1942; Secretary appointed annually by the Board of Directors.

History: Organized 1934.

Object: The advancement of the public welfare and the promotion of the professional, social, and economic interests of the engineer by means of education, legislation, and public relations, and the establishment and maintenance of high ethical standards through the formation of state professional engineering societies and chapters thereof throughout the United States.

Membership: Members, annual dues \$4 plus State and Chapter dues. Total membership 8,100.

Meetings: Annual.

Publications: American Engineer, bi-monthly, 1-11, 1931-1941, price included in dues of members.

879. National Speleological Society. *President:*

Wm. J. Stephenson, 4912 Forty-third Place, N. W., Washington, D. C. *Secretary:* John J. Wilson, Jr., 4811 Davenport Street, N. W., Washington, D. C. Officers elected for one year; terms expire January, 1943.

History: The Speleological Society of the District of Columbia was organized in May, 1939, and reorganized in January, 1941, under the present title.

Object: To promote the science of speleology.

Membership: Active members, annual dues \$3. Total membership, about 150.

Meetings: Four or five meetings are held each year.

Library: Approximately 200 volumes on speleology and related subjects.

Publications: Bulletin, irregular, price 50 cents a copy.

880. National Technical Association. College

of Engineering and Architecture, Howard University, Washington, D. C. *President:* John A. Lankford, 1261 Irving Street, Washington, D. C. *Secretary:* James C. Evans, West Virginia State College, Institute, W. Va. Officers elected for one year; terms expire Summer, 1942.

History: The Association was organized in 1926 as a result of collaboration between local technical societies which dated from 1920; incorporated in Illinois. **Chapters:** Chicago, Dayton, Detroit, Greensboro, Los Angeles, Nashville, New York, Pittsburgh, Prairie View, St. Louis, Tuskegee, and Washington.

Object: The collection and dissemination of information concerning the opportunities of negroes in the technical and engineering fields, the advancement of engineering and science, and the promotion of interest in science.

Membership: Full members; Associate members. Members are required to have a degree from an approved college of engineering. Entrance fee \$5; annual dues \$2, plus local fees. Total membership 344. List of members issued quadrennially.

Meetings: Annual national meeting; monthly local meetings.

Publications: Technigrams, quarterly, 1938-1941, free to members. Yearbook.

881. National Tuberculosis Association. 1790 Broadway, New York, N. Y. **President:** Bruce H. Douglas, Detroit, Mich. **Secretary:** Charles J. Hatfield, Philadelphia, Pa. **Executive Secretary:** F. O. Hopkins. Officers elected for one year; terms expire May, 1942.

History: Organized 1904 as the National Association for the Study and Prevention of Tuberculosis; name changed in 1918 to present title. **Section:** The American Trudeau Society is the medical section of the National Tuberculosis Association. **Reference:** History of the National Tuberculosis Association, by S. A. Knopf, 1922.

Object: The study of tuberculosis in all its forms and relations; the dissemination of knowledge concerning the causes, treatment, and prevention of this disease; the encouragement of its prevention and scientific treatment; the stimulation, unification, and standardization of the work of the various anti-tuberculosis agencies throughout the country, especially state and local associations; cooperation with other health organizations in the coordination of health activities; and the promotion of international relations in connection with health activities in its study and control.

Membership: Members, annual dues \$5; Life, payment of \$100; Corporate, annual dues \$5; Representative, \$5; Associate, \$10; Sustaining, \$20; Special membership for members of the American Trudeau Society, \$2; Honorary.

Meetings: Annual, at various places.

Library: The Association contributes to the support of the National Health Library, 1790 Broadway, New York City.

Research funds, medals, etc.: TRUDEAU MEDAL, awarded annually to the individual who

has made the most meritorious contribution to the cause, prevention, or treatment of tuberculosis. The Committee on Medical Research expends approximately \$35,000 on eleven projects in different universities and institutes on a co-operative chemical and biological study of tuberculosis infection, improvement of x-ray technique, etc.

Publications: American Review of Tuberculosis, monthly, 2 vols. a year, 1- , 1917- , price \$8. Bulletin, monthly, 1- , 1914- , free to members. Transactions, 1- , 1905- , price \$2 to members, \$3 to non-members.

882. National University Extension Association.

President: R. M. Grumman, University of North Carolina, Chapel Hill, N. C. **Secretary:** W. S. Bittner, Indiana University, Bloomington, Ind. Officers elected for one year; terms expire May, 1942.

History: Organized 1915.

Object: The establishment of an official and authorized organization through which colleges and universities engaged in educational extension work may confer for the development and the promotion of the best ideals, methods, and standards.

Membership: Institutional and individual memberships. Annual dues \$50. Total membership 54.

Meetings: Annual.

Publications: Bulletin, 10 issues a year, 1-6, 1935-1941, free to members. Proceedings, annual, 1-24, 1915-1941, price \$1.10.

883. National Vocational Guidance Association, Inc. 425 West 123rd Street, New York, N. Y.

President: George E. Hutcherson, State Education Department, Albany, N. Y. **Secretary:** Ralph B. Kenney. Term of President, elected for one year, expires February, 1942; Secretary, permanent.

History: Organized 1913. **Branches:** Canada, Puerto Rico, and Hawaii.

Object: To unite persons interested in any phase of vocational guidance.

Membership: Active members, annual dues \$3.50 domestic, \$4.50 foreign. Total membership 3,300.

Meetings: Annual, at various places.

Publications: Occupations, issued 8 times a year, October through May, 1933-1941, price \$3.50, free to members.

884. National Warm Air Heating and Air Conditioning Association. 145 Public Square,

Cleveland, Ohio. **President:** Harold S. Sharp, Cleveland, Ohio. **Secretary:** George Boeddenner. Officers elected for one year; terms expire January, 1943.

History: Organized 1914 as the National Warm Air Heating Association; name changed to present title in 1932.

Object: To improve the performance of warm air heating installations for the home owner.

Membership: Manufacturers, Jobbers, and Dealers. Total membership 165. List of Manufacturer membership is available.

Meetings: Two meetings a year at different places.

Research funds, medals, etc.: A cooperative research project is carried on with the University of Illinois.

885. National Wildlife Federation. 1212 Sixteenth Street, Washington, D. C. *President:* David A. Aylward, 20 Spruce Street, Boston, Mass. *Secretary-Treasurer:* Cecil F. DeLaBarre, Blacksburg, Va. *Honorary President:* J. N. Darling, Des Moines, Iowa.

Object: To unite for concerted action those organizations having as one of their objectives the conservation of natural resources of wildlife, soil, water, forests, and vegetation; and, through education and fact-finding, to bring about the preservation, restoration, wise use, and enjoyment of those resources.

Meetings: Annual, in cooperation with the meeting of the North American Wildlife Conference.

Publications: American Wildlife, bimonthly. Conservation News Letter, monthly.

National Zoological Park. See Smithsonian Institution.

886. Natural History Society of Maryland. 2103 Bolton Street, Baltimore, Md. *President:* Edmund B. Fladung, 5006 Midwood Avenue, Baltimore, Md. *Secretary:* John B. Calder, 4409 Marble Hall Road, Baltimore, Md. Officers elected for one year; terms expire March, 1942.

History: Organized March 29, 1939. *Sections:* Mineralogy, Palaeontology, Marine Life, Entomology, Herpetology, Ornithology and Mammalogy, Botany, Archaeology, Education, Photography, Publication, and Library.

Object: To increase and diffuse knowledge of natural history, and to that end to establish and maintain in the State of Maryland a museum and reference library, to collect and preserve objects of natural history, to protect wildlife from needless destruction, to provide facilities for research, publication, and for the pursuance of allied sciences and endeavors, and to offer popular instruction.

Membership: Founders, Benefactors, Associate Founders, Associate Benefactors, Patrons, Fellows, Life members, Corporate members, Sustaining members; Annual members, annual

dues \$5; Associate, \$3; Junior, \$1; Honorary and Corresponding members. Total membership 250.

Meetings: On Tuesday, Friday, and Saturday evenings of each week.

Library: 5,900 volumes on the natural sciences.

Research funds, medals, etc.: There are lectures given at the museum once a week during the fall, winter, and spring.

Publications: Bulletin, bimonthly, 1-11, 1930-1941, price \$1, free to members. Leaflets. Proceedings. Annual Report.

887. Nebraska Academy of Sciences. *President:* Leslie N. Garlough, Omaha Municipal University, Omaha, Nebr. *Secretary:* Theodore Jorgensen, Jr., University of Nebraska, Lincoln, Nebr. Term of President, elected for one year, expires May, 1942; of Secretary, elected for two years, May, 1943.

History: Organized 1891. The Academy is affiliated with the American Association for the Advancement of Science. *Sections:* Biology, Chemistry, Physics, Engineering, Mathematics and Earth Science.

Object: To further scientific research and the diffusion of knowledge concerning the various departments of science.

Membership: National members, those who belong also to the American Association for the Advancement of Science; Resident members, those who are members of the local Academy only; Junior members; Honorary members, not to exceed 25. Annual dues \$1. Total membership 272.

Meetings: Annual, one year at the University of Nebraska, and the next at some place which is voted upon.

Research funds, medals, etc.: A grant of \$75 is available from the American Association for the Advancement of Science.

Publications: Publications of the Nebraska Academy of Sciences, occasional, 1-12, 1891-1932. Abstracts of Annual Meeting.

888. Nebraska Ornithologists' Union. *President:* R. Allyn Moser, 1504 Dodge Street, Omaha, Nebr. *Secretary:* Earl W. Glandon, Stapleton, Nebr. Officers elected for one year; terms expire May, 1942.

History: Founded December 16, 1899, at Lincoln, Nebr.

Object: To promote interest in ornithology by more closely uniting the local students of this science, and by encouraging bird study in the State.

Membership: Honorary members, 7; Active, 32, annual dues \$2; Sustaining, 8, \$5; Associate, 99, \$1. Total membership 146. List of members available for 50 cents.

Meetings: Annual, at place chosen.

Publications: Proceedings, irregular, 1-6, 1900-1915. Letters of Information, irregular, 1925-1932. Nebraska Bird Review, quarterly, 1933-1937; semiannual, 1938-1941, price \$1, free to members.

889. Nebraska State Horticultural Society.

President: William Porter, Nebraska City, Nebr. *Secretary:* E. H. Hoppert, Lincoln, Nebr. Officers elected for one year; terms expire June, 1942.

History: Organized 1863.

Object: To promote horticulture in the State.

Membership: Annual members, annual dues \$1; Life members, \$5. Total membership 250. List of members available for \$1.

Meetings: Semiannual. A winter meeting is held in Lincoln, and a summer meeting is held in some other city of the State.

Publications: Annual Report, price \$1.

890. Nebraska State Medical Association. 416

Federal Securities Building, Lincoln, Nebr. *President:* W. P. Wherry, 1500 Medical Arts, Omaha, Nebr. *Secretary:* R. B. Adams. Term of President, elected for one year, expires May, 1942; of Secretary, elected for three years, May, 1942.

History: Organized 1868; incorporated 1919.

Object: To bring into one compact organization the entire medical profession of the State of Nebraska, and to unite with similar societies of other states to form the American Medical Association; to promote the science and art of medicine; to elevate the standard of medical education; and to promote public health.

Membership: Active members: Members, those in good standing in the component County Societies; Junior, internes in recognized hospitals in Nebraska who hold the degree of Doctor of Medicine; Associate, physicians holding the degree of Doctor of Medicine who are in the service of the Federal Government and residing in the State of Nebraska. Honorary members: Members who have rendered outstanding service to the profession and to the Association; Members who have retired from active practice and reside in Nebraska at the time of election to Honorary membership. Annual dues \$10. Total membership 1,046.

Meetings: Annual, at various places.

Publications: Nebraska State Medical Journal, monthly, 1-25, 1916-1941, price \$2.50, free to members and on exchange.

891. Nelson Morris Memorial Institute for Medical Research of the Michael Reese Hospital. 2900 Ellis Avenue, Chicago, Ill. *Chairman:* Otto Saphir.

History: Established 1910, by a gift of \$250,000 from Mrs. Sarah Morris, for an institute for medical and pathological research, as a memorial to her husband, Nelson Morris.

Object: To promote medical research, especially in bacteriology, chemistry, immunology, diseases of the heart and circulation, and in the field of metabolism and pathology, more particularly in connection with such problems as arise in general hospitals of 600 beds.

Library: 16,000 volumes on immunology, pathology, physiology, general medicine, bacteriology, and chemistry; 165 current medical journals.

Research funds, medals, etc.: NELSON MORRIS FUND. OTTO BAER FUND. JOHN D. AND FANNIE K. HERTZ FUND. ALBERT B. KUPPENHEIMER FUND. ISAAC AND KATE MEYER RESEARCH FUND. ROSETTE JOSEPHSON RESEARCH FUND. GUSTA MORRIS ROTHSCHILD RESEARCH FUND. JOSEPH G. SNYDACKER FUND. MAX PAM METABOLISM RESEARCH FUND. A. D. NAST CARDIOVASCULAR FUND. EMANUEL FRIEND RESEARCH FUND. The principal of the foregoing funds amounts to approximately \$904,000; the income therefrom is available for the support of general research work, including supplies, apparatus, and salaries, for specialized research work, and for certain fellowships.

892. Nevada Academy of Natural Sciences.

President: Ira La Rivers, P. O. Box 1493, Reno, Nev. *Secretary:* Harry E. Wheeler, University of Nevada, Reno, Nev. Officers elected for one year; terms expire January, 1943.

History: Organized February 19, 1941, as an outgrowth of the Nevada Audubon Society, which first came into existence in 1932. *Sections:* Zoology, Botany, and Geology.

Object: To promote the study of the natural sciences in Nevada and the Great Basin area.

Membership: Active members, annual dues \$1. Membership open to those with an interest in natural science. Total membership 30.

Meetings: Monthly, at the University of Nevada.

Library: Approximately 500 volumes on the natural sciences.

Publications: News Letter, monthly, 1-1941-, mimeographed. Proceedings, mimeographed.

893. Nevada State Medical Association, Inc.

P. O. Box 608, Reno, Nev. *President:* G. R. Magee, Yerington, Nev. *Secretary:* Horace J. Brown. Term of President, elected for one year, expires September, 1942; of Secretary, elected for one year, December, 1942.

History: Organized 1904; incorporated 1938.

Reference: History of Medicine in Nevada, by M. R. Walker.

Object: The organization and advancement of medicine.

Membership: Active members, entrance fee \$10, annual dues \$10; Honorary members. An M.D. degree and State license is required for membership. Total membership 120 Active members. List of members available.

Meetings: Annual, at various places.

894. New England Botanical Club, Inc. Room 1001, 53 State Street, Boston, Mass. *President:* Ralph C. Bean, 48 Emerson Street, Wakefield, Mass. *Corresponding Secretary:* Louis O. Williams, 16 Park Road, Winchester, Mass. Officers elected for one year; terms expire February, 1942.

History: Organized 1895; incorporated December, 1920.

Object: To promote social intercourse and the dissemination of local and general botanical information among persons interested in the flora of New England.

Membership: Resident members, entrance fee \$3, annual dues \$10; Non-resident, \$3, no annual dues. List of members published at irregular intervals.

Meetings: Monthly, the first Friday, October to June inclusive, at the American Academy of Arts and Sciences, Boston.

Library: The library contains a collection of works relating to the flora of New England, the bryological library of the late E. B. Chamberlain, and the select botanical library of the late N. T. Kidder.

Herbarium: The Herbarium contains a very extensive collection of ferns, fern allies, and flowering plants, and some mosses and algae. It is housed in the Gray Herbarium of Harvard University.

Research funds, medals, etc.: C. H. BISSELL FUND, capital \$1,000, income to be used for the Herbarium. CAPITAL FUND, capital \$1,696, income unrestricted. WALTER DEANE LIBRARY FUND, capital \$1,120, income for library and publications. DEANE HERBARIUM FUND, capital \$1,000, income for Herbarium. EMERTON RHODORA FUND, capital \$500, income for "Rhodora." NATHANIEL T. KIDDER FUND, capital \$5,000, income unrestricted. RICHARDS MEMORIAL FUND, capital \$2,000, income unrestricted. B. L. ROBINSON FUND, capital \$500, income unrestricted. EMILE FRANCIS WILLIAMS FUND, capital \$500, income for "Rhodora." J. FRANKLIN COLLINS FUND, capital not yet determined.

Publications: Rhodora, monthly, 1-43, 1899-1941, price \$2.

895. New England Dermatological Society. *President:* John G. Downing, 520 Common-

wealth Avenue, Boston, Mass. *Secretary:* Francis M. Thurmon, 520 Commonwealth Avenue, Boston, Mass. Terms of officers expire April, 1942.

History: Organized January 21, 1914, at Boston, Mass.

Object: To promote the study of dermatology and syphilology among New England physicians.

Membership: Active members, physicians who are diplomates of the American Board of Dermatology and Syphilology, 58; Associate, 25; Honorary, 3. Annual dues \$5.

Meetings: The second Wednesday of October, December, February, and April, usually in Boston.

Publications: Transactions are published in the Archives of Dermatology and Syphilology.

896. New England Field Geologists. *Permanent Secretary-Treasurer:* Lloyd W. Fisher, 508 Maine Street, Lewiston, Me.

History: First field meeting held October 10, 1901.

Object: To conduct trips into areas in which recent geological work has been done.

Membership: Teachers, research workers, and students of geology are eligible for membership. Total membership, about 100.

Meetings: Annual, in New England.

897. New England Ophthalmological Society. 243 Charles Street, Boston, Mass. *President:* E. E. Holt, Jr., 723 Congress Street, Portland, Me. *Secretary:* Trygve Gunderesen, 5 Bay State Road, Boston, Mass. Officers elected for one year; terms expire April, 1942.

History: Organized 1897.

Object: The study and advancement of ophthalmology.

Membership: Members must live and practice in New England, and must have received their certificates from the American Board of Ophthalmology. Annual dues \$7. Total membership 110. List of members available.

Meetings: The third Tuesday of each month from November to April inclusive, at the Massachusetts Eye and Ear Infirmary, Boston.

898. New England Oto-Laryngological Society. *President:* Louis M. Freedman, 475 Commonwealth Avenue, Boston, Mass. *Secretary:* Philip E. Meltzer, 20 Charlesgate West, Boston, Mass. Officers elected for one year; terms expire January, 1942.

History: Organized 1905.

Object: The study and advancement of otology, rhinology, and laryngology.

Membership: Open to graduates in medicine, who have specialized in ear, nose, and throat, and who have the certificate of the American Board of Otolaryngology. Annual dues \$5. Total membership 191. List of members available.

Meetings: Fall, winter, and spring meetings at the Massachusetts Eye and Ear Infirmary, Boston.

Research funds, medals, etc.: A fund of \$1,500 was created in 1936, which will be used for research, grants, etc., as determined by the Executive Committee.

899. New England Pediatric Society. *President:* Warren R. Sisson, 319 Longwood Avenue, Boston, Mass. *Secretary:* James Marvin Baty, 1101 Beacon Street, Brookline, Mass. Officers elected for one year; terms expire January, 1943.

History: Organized 1912.

Object: The advancement of the study of infancy and childhood, and disease as it is manifested at these ages.

Membership: Entrance fee \$1, annual dues \$3. Total membership 316. List of members available.

Meetings: Three meetings a year.

900. New England Railroad Club. 683 Atlantic Avenue, Boston, Mass. *Secretary:* W. E. Cade, Jr.

History: Organized 1883.

Object: To promote knowledge on matters relating to the construction and management of railroads, and to their equipment.

Membership: Active members, entrance fee \$5, annual dues \$2; Honorary members. Total membership 1,412. List of members published in the March issue of the Proceedings.

Meetings: Monthly, on the second Tuesday, except June, July, August, and September.

Publications: Proceedings, monthly, free to members.

901. New England Road Builders' Association. 89 Broad Street, Boston, Mass. *President:* Abner P. Lawton. *Secretary:* Frederick Hoitt. Terms expire April, 1942.

History: Organized January 14, 1921.

Object: The improvement of conditions affecting the highway industry and the interests of highway contractors.

Membership: Represented members and Associate members. Entrance fee \$50, annual dues \$60.

Meetings: Meetings are held frequently during the winter, and, when necessary, in the summer, in Boston.

Publications: Nerba, weekly, 1- , 1921- , free.

902. New England Roentgen Ray Society. *President:* K. K. Kinney, 29 North Street, Willimantic, Conn. *Secretary:* H. F. Hare, 605 Commonwealth Avenue, Boston, Mass. Terms expire June, 1942.

History: Organized May 6, 1914; reorganized December 19, 1919.

Object: The study and advancement of the science of roentgenology.

Membership: Charter, Active, Associate, and Honorary members. Entrance fee \$5, annual dues \$5.

Meetings: Monthly, at the Boston Medical Library.

903. New England Society of Psychiatry. *President:* George E. McPherson, Belchertown State School, Belchertown, Mass. *Secretary:* Bardwell H. Flower, Worcester State Hospital, Worcester, Mass. Term of President, elected for one year, expires April, 1942; of Secretary, elected for three years, 1943.

History: Organized 1875 as the New England Psychological Society; name changed to present title March 26, 1907.

Object: To maintain an interest in psychiatry, by fostering research, and by bringing together the psychiatrists of New England.

Membership: Active, Non-resident, and Honorary members. Annual dues \$1. Membership open to those who have been interested in psychiatry primarily for three years. Total membership 500. List of members available.

Meetings: Two meetings a year, at different mental hospitals.

Research funds, medals, etc.: Annual prizes are awarded for original papers on psychiatric subjects.

904. New England Surgical Society. *President:* Walter G. Phippen, 31 Chestnut Street, Salem, Mass. *Secretary:* John F. Gile, Hitchcock Clinic, Hanover, N. H. Term of President, elected for one year, expires September, 1942.

History: Organized 1916.

Object: To promote the science of surgery and kindred arts and sciences, and the welfare of the surgical profession in New England.

Membership: Active members, those holding a fellowship in the American College of Surgeons, limited to 125; Associate; Honorary. Annual dues \$10. List of members published in the Transactions.

Meetings: Annual, at various New England cities.

Publications: Transactions, annual.

905. New England Water Works Association. *President:* Francis H. Kingsbury, State

House, Boston, Mass. *Secretary:* Frank J. Gifford, 613 Statler Building, Boston, Mass. Term of President, elected for one year, expires September, 1942; Secretary appointed in November of each year.

History: Organized June 21, 1882, in Boston, Mass. *Reference:* Twenty Years After: A Retrospect, by R. C. P. Coggeshall, Journal of the New England Water Works Association, 16: 271-289, 1902. History of the New England Water Works Association, by Charles W. Sherman, Journal of the New England Water Works Association, 45, no. 1, 1932.

Object: The advancement of knowledge relating to water works and water supply, and the encouragement of social intercourse among water works men.

Membership: Members, those who are officers or employees of a public or private water works, an engineer, chemist, or other person qualified to aid or interested in the advancement of knowledge relating to water works, 65¢, entrance fee \$3, annual dues \$6; Associates, persons, firms, or corporations engaged in manufacturing or furnishing materials or supplies for the construction and maintenance of water works, 111, \$10; \$20; Corporate members, water boards, commissions, company or municipal corporations, 21, \$10, \$10; Junior members, not less than eighteen years nor more than twenty-five years of age, a student in some engineering school or in active practice in some branch of engineering or water supply works, 1, \$1, \$3; Honorary members, persons of acknowledged eminence in water supply or engineering, 9; Life members, those whose services to the Association entitle them to special recognition. List of members available for \$1.

Meetings: Annual convention, in September; monthly meetings from November to March, in Boston; Spring meetings, April and May, one in northern and the other in southern New England.

Library: Volumes on water works engineering.

Research funds, medals, etc.: DEXTER BRACKETT MEMORIAL MEDAL, for the most meritorious paper, bearing in mind its applicability to the general water works problem, which has been published in the Journal for the calendar year of the award, provided that such a paper, or an important part thereof, shall not have been previously contributed to any other society, nor have appeared in print prior to its presentation to the Association.

Publications: Transactions, 1-4, 1882-1885. Journal, quarterly, 1-55, 1886-1941, price \$4, included in dues for members.

906. **New England Wild Flower Preservation Society, Inc.** Horticultural Hall, Boston, Mass. *President:* Mrs. S. V. R. Crosby, 95

Beacon Street, Boston, Mass. *Secretary:* Lilly S. Tobey.

History: Formed in 1900, in Boston, as the Native Plant Society; name changed in 1922, to the Society for the Preservation of Native Plants; in 1932 to present title.

Object: To promote an interest in conservation generally, as well as in the knowledge of wild flowers and native plants that need protection.

Membership: Adult members, annual dues \$1; Sustaining, \$5; Life, \$25; Junior, 10 cents. Total membership, 1,147. Annual members, 275. Life members, 13,507. Junior members.

Meetings: Annual, in Boston.

Publications: Annual Report.

907. **New England Zoological Club.** Museum of Comparative Zoology, Cambridge, Mass. *Secretary:* Glover M. Allen.

History: Organized 1899.

Object: The furtherance of zoological research, and the publication of contributions to systematic zoology.

Publications: Proceedings, irregular, 1-18, 1899-1941, price \$2, free to members.

908. **New Hampshire Academy of Science.** Hanover, N. H. *President:* Charles D. Howard, State Board of Health, Concord, N. H. *Secretary:* Robert H. Denison, Wilson Museum, Hanover, N. H. Officers elected for one year; terms expire October, 1942.

History: Organized 1919 at Concord, N. H.

Object: To advance the cause of pure and applied science, and of scientific research.

Membership: Active members, entrance fee \$1, annual dues \$1; Honorary members. Members must have training and experience in some branch of science. Total membership 200. List of members available for 50 cents.

Meetings: In odd years the Academy meets alternately at Durham and Hanover; in even years, elsewhere in the State.

Research funds, medals, etc.: The American Association for the Advancement of Science grant is made annually through the Academy.

Publications: Proceedings, annual, 1-1939, free to members.

909. **New Hampshire Medical Society.** 5 South State Street, Concord, N. H. *President:* Charles H. Dolloff, 105 Pleasant Street, Concord, N. H. *Secretary:* Carleton R. Metcalf. Term of President, elected for one year, expires May, 1942; of Secretary, elected for five years, 1946.

History: Incorporated 1791.

Object: The promotion of health and of medical education.

Membership: Annual dues \$6. List of members available.

Meetings: Annual, in Manchester, N. H.

Research funds, medals, etc.: PRAY AND BURNHAM PRIZES. \$150 in prizes is offered to members of the Society through bequests of Doctors Thomas J. W. Pray and Hosea B. Burnham. \$100 is to be taken from the Pray Fund for the best original essay upon some medical topic, and \$50 from the Burnham Fund for the second best original essay.

Publications: Transactions, annual, 1-148, 1791-1941.

910. New Jersey Audubon Society. 206 Market Street, Newark, N. J. **President:** Charles H. Rogers, Princeton University, Princeton, N. J. **Secretary:** Beecher S. Bowdish. Officers elected for one year; terms expire October, 1942.

History: Organized December 20, 1910.

Object: The protection of wild birds.

Membership: The total membership is approximately 2,346.

Meetings: Annual, the first Tuesday in October, usually in Newark.

Publications: Annual Report. Bulletin, irregular.

911. New Jersey Health and Sanitary Association, Inc. 3 Morris Street, Freehold, N. J. **President:** H. F. Kilander, East Orange, N. J. **Secretary:** Edward Guion, Drawer D, Northfield, N. J. **Executive Secretary:** John Hall. Officers elected for one year; terms expire November, 1942.

History: Organized 1874. **Reference:** Address of the President, by D. C. Bowen, Proceedings, 1930.

Object: The promotion of health and sanitation in New Jersey.

Membership: Individual members, 500, annual dues \$2; Organization members, 20, \$3; Sustaining, 10, \$25.

Meetings: Annual, at various places.

Publications: Health Progress, issued 5 times a year, 1-8, 1934-1941, price \$1, free to members. Proceedings, 1875-1934.

912. New Jersey Society of Professional Engineers. **President:** Russell S. Wise, 50 Albion Street, Passaic, N. J. **Secretary:** Frederick D. Braun, 16 North Hillside Avenue, Ventnor City, N. J. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1942.

History: Organized 1920 as the New Jersey Society of Professional Engineers and Land Surveyors; incorporated 1924; re-incorporated 1931 as the New Jersey Association of Profes-

sional Engineers and Land Surveyors; re-incorporated April, 1941, under present title.

Object: The promotion and protection of the profession of engineering as a social and economic influence in the Nation.

Membership: Open to registered professional engineers and land surveyors in New Jersey, annual dues \$9, including chapter membership, state membership, and national society membership. Total membership 3,500.

Meetings: Annual convention; chapter meetings monthly from September to June.

Publications: New Jersey Engineer, quarterly, free to members. The members receive gratis the American Engineer, published by the National Society.

913. New Jersey State Horticultural Society. **President:** William K. Hookstra, Beverly, N. J. **Secretary:** Arthur J. Farley, New Brunswick, N. J.

History: Organized August 17, 1875.

Object: To foster an interest in problems confronting the fruit and vegetable industry.

Membership: Annual dues \$2. Total membership 727, including 4 Honorary members. List of members available for \$1.

Meetings: Three meetings a year at various places.

Publications: New Jersey State Horticultural Society News, issued 6 times a year, in January, February, March, May, July, and November, 1-22, 1920-1941, price \$1, free to members.

914. New Mexico Academy of Science. **President:** Stuart A. Northrup, University of New Mexico, Albuquerque, N. Mex. **Secretary:** Roy C. Rice, Springer, N. Mex. Term of President, elected for one year, expires October, 1942; of Secretary, elected for three years, October, 1943.

History: Organized 1915 as the New Mexico Association for Science; name changed 1928 to the New Mexico Association for the Advancement of Science; in 1941 to present title.

Object: To stimulate the presentation of new discoveries in science.

Membership: Annual dues 50 cents. Total membership 60. List of members available for 25 cents.

Meetings: Annual, at the time and place of meeting of the New Mexico Educational Association, with which this association is affiliated.

915. New Mexico Medical Society. **President:** Carl Mulky, Albuquerque, N. Mex. **Secretary:** L. B. Cohenour, Albuquerque, N. Mex. Term of President, elected for one year, expires May, 1942.

History: Organized December 31, 1881, under the name of the Las Vegas Medical Society; name changed November 14, 1885, to present title.

Membership: Annual dues \$10. Total membership 239.

Meetings: Annual.

Publications: Southwestern Medicine, monthly, price \$2.

916. New Mexico Public Health Association, Inc. *President:* F. C. Diver, Raton, N. Mex. *Secretary:* Frances Fell, Box 711, Santa Fe, N. Mex. Term of President, elected for one year, expires October, 1942; of Secretary, elected for three years, October, 1944.

History: Organized 1925.

Object: The advancement of public health work in New Mexico, and of the social and business interests of members.

Membership: Active and Associate members, annual dues \$3. Total membership 120.

Meetings: Annual, at various places.

917. New Orleans Academy of Sciences. *President:* P. C. Wakeley, 1000 Federal Building, New Orleans, La. *Secretary:* W. H. Perkins, 1430 Tulane Avenue, New Orleans, La. Officers elected for one year; terms expire March, 1942.

History: Organized 1853. *Sections:* A. Physics, Engineering, Mathematics, Astronomy, Geology; B. Chemistry, Biochemistry, Chemical Education; C. Biological Sciences; D. Medical Sciences; E. Social Sciences.

Object: The advancement of science.

Membership: Active, Associate, Life, and Honorary members. Entrance fee \$1, annual dues \$1. Open to persons engaged in or interested in science. Total membership 261. List of members available.

Meetings: Annual, in New Orleans; occasional public program meetings throughout the year.

Library: Approximately 524 volumes.

Research funds, medals, etc.: A grant of \$50 from the American Association for the Advancement of Science, and one of \$50 from the New Orleans Academy of Sciences are made each year. Visiting lecturers are engaged with honoraria. Junior Academy prizes and American Association for the Advancement of Science Junior Memberships are awarded.

Publications: Abstracts of Annual Meetings.

918. New Orleans Society of Plant Sciences. *President:* Harry L. Daunoy, 26 Farnham Place, New Orleans, La. *Secretary:* Juanda Bonck, Tulane University, New Orleans, La. Officers elected for one year; terms expire June, 1942.

History: Organized December, 1931, as the Botanical Society of New Orleans; name changed February, 1937, to present title.

Object: To foster an active interest in branches of biology which are directly or indirectly related to plant life.

Membership: Active, Associate, and Corresponding members, and Fellows. Annual dues \$1. Total membership 42.

Meetings: Monthly, at Tulane University.

919. New York Academy of Medicine. 2 East 103rd Street, New York, N. Y. *Director:* Herbert B. Wilcox. *President:* Malcolm Goodridge, 333 East 57th Street, New York, N. Y. *Secretary:* James Ralph Scott, 960 Park Avenue, New York, N. Y. Term of President, elected for two years, expires December, 1942; of Secretary, elected for three years, December, 1942.

History: Founded 1843; incorporated 1847. *Sections:* There are twelve sections, each of which represents a special branch of medicine or surgery.

Object: The promotion of the science and art of medicine, the maintenance of a public medical library, and the promotion of public health and medical education.

Membership: Resident fellows, 1,800, initiation fee \$50, annual dues \$40; Non-resident and Associate fellows, 400 each, \$10, \$10; Honorary fellows. List of members contained in Bulletin, the annual report number, and in a separate roster.

Meetings: Semimonthly, at headquarters.

Library: The Academy maintains the second largest medical library in the United States, with 241,166 volumes, 139,697 pamphlets, and approximately 4,000 medical classics, rare books, and incunabula.

Research funds, medals, etc.: The Academy has a fund for medical research, and awards the ACADEMY OF MEDICINE MEDAL, for unusual medical achievement.

Publications: Bulletin, 1-4, 1860-1871. Transactions, 1-3, 1847-1871; n.s. 1-13, 1871-1901. Proceedings, 1875. Publications of the Public Health Relations Committee, 1911-. Committee on Medical Education, 1924-. Bulletin, monthly, 1-, 1925-, price \$2, free to members. Annual Report.

920. New York Academy of Sciences. American Museum of Natural History, 79th Street and Central Park West, New York, N. Y. *President:* Horace W. Stunkard, New York University, New York, N. Y. *Recording Secretary:* Duncan A. MacInnes, Rockefeller Institute for Medical Research, New York, N. Y. *Executive Secretary:* Eunice Thomas Miner. Terms of President and Recording

Secretary, elected for one year, expire December, 1942.

History: Organized 1817 as the Lyceum of Natural History; name changed January, 1876, to present title. **Sections:** Geology and Mineralogy, Biology, Anthropology, Psychology, and Physics and Chemistry.

Object: The advancement of science.

Membership: Sustaining members, 150, annual dues \$10; Annual active members, 964, \$5; Associate, 691, \$3; Student, 51, \$3; Life, 105, payment of \$100; Patron, 1, \$1,000; Benefactor, \$5,000; Honorary members, 45, elected in recognition of scientific achievement; Corresponding, 5. Total membership 2,012.

Meetings: The first four Mondays in each month, and two-day conferences on specialized subjects at intervals.

Research funds, medals, etc.: JOHN JAMES AUDUBON PUBLICATION FUND, established 1893, capital \$2,605; the income is used for publication of research. JOHN STRONG NEWBERRY FUND, established 1897, capital \$1,042; the income is used for publication of research in geology, paleontology, botany, or zoology. ESTHER HERRMAN FUND, established 1899, capital \$10,423; the income is used for scientific publications. CENTENNIAL ENDOWMENT FUND, established 1917, capital \$8,269; the income is used for scientific investigations and publication of research. RALPH WINFRED TOWER MEMORIAL FUND, established 1926, capital \$13,266; the income is used for the publication of research. PUBLICATION FUND, capital \$3,137; the income is used for publications. PERMANENT FUND, capital \$32,054; the income is now used for scientific publications. NATHANIEL LORD BRITTON FUND, established 1936, capital \$25,045; the income is used for scientific publications. GEORGE HERBERT SHERWOOD MEMORIAL FUND, established 1940, capital \$7,296; the income is used for scientific publications. GEORGE FREDERICK KUNZ FUND, established 1937, capital \$1,208; the income is used for prizes in geology and mineralogy. Total capital of funds, \$104,345. **Prizes:** GEORGE FREDERICK KUNZ PRIZE, awarded for achievement in geology and mineralogy. A. CRESSY MORRISON PRIZE, offered each year, by Mr. A. Cressy Morrison, two prizes of \$200 each, for the two most acceptable papers in a field of science covered by the Academy or an affiliated society. These prizes, known as the A. Cressy Morrison Prizes in Natural Science, are awarded in December at the Annual Dinner of the Academy and its Affiliated Societies. In addition, Mr. Morrison has offered a prize of \$500 for the most meritorious paper on the subject of the "Intra-atomic energy of the solar system" in the field of astronomy. The offering of this prize occurs at irregular intervals and is awarded in accord-

ance with the regulations of the two prizes in natural science.

Publications: Annals of the Lyceum of Natural History, 1-11, 1824-1876. Annals, irregular, 1-43, 1877-1941, free to members and on exchange, price to subscribers based on actual printing cost and therefore varies. Bulletin, monthly, October to May inclusive, 1-35, 1906-1941, free to members. Memoirs, vol. 1, pt. 1-4 and vol. 2, pt. 4, 1895-1905. Occasional Papers, no. 1-2, 1913. Proceedings of the Lyceum of Natural History, 1-2, 1870-1874. Transactions, (I) 1-16, 1881-1897; (II) 1-3, 1939-1941. Each volume of Series II is published in eight numbers, November to June inclusive, is free to members and on exchange, price per volume \$2. Scientific Survey of Porto Rico and the Virgin Islands, 1-19, 1919-1941, incomplete, parts published at irregular intervals, one part free to Sustaining members each year, price per part \$2, per volume \$8. Special Publications, vol. 1, 1939, price \$2; the publications in this series will be issued at irregular intervals as cloth-bound volumes.

921. **New York Association of Consulting Engineers.** **President:** Alfred L. Jaros, 415 Lexington Avenue, New York, N. Y. **Secretary:** Harry H. Bond, 10 East 40th Street, New York, N. Y. Officers elected for one year; terms expire December, 1942.

Object: The safeguarding of good engineering practices and the promotion of more satisfactory business relations between members and their clients; the maintenance of a high professional standard; the interchange of business experience and the promotion of cordial relations between members.

Membership: Regular members, Non-resident members, and Life members. Entrance fee \$25, annual dues \$10. Total membership 26.

Meetings: The second Monday of each month, and as directed by the members.

922. **New York Botanical Garden.** New York, N. Y. **President:** J. R. Swan. **Director:** William J. Robbins. **Secretary:** Henry de la Montagne.

History: Incorporated 1895, the initiative for its establishment having been taken by the Torrey Botanical Club in 1889. The Garden occupies 280 acres of land in the northern part of Bronx Park.

Object: The collection and culture of plants, flowers, shrubs, and trees; the advancement of botanical science; the prosecution of original researches therein and in kindred subjects, and instruction in the same; the prosecution and exhibition of ornamental and decorative horticulture and gardening; and the entertainment, recreation, and amusement of the people.

Meetings: Annual, the second Monday in January. Public lecture courses throughout the year.

Library: 47,500 volumes on botany and horticulture.

Publications: Bulletin, 1- , 1896- ; contains the annual reports, price \$3. *Addisonia*, annual, 1-22, 1916-1941, price \$10 a volume (four years), free to members of the Garden. *Journal*, monthly, 1-41, 1900-1941, price \$1, free to members of the Garden. *Mycologia*, bimonthly, 1-32, 1900-1941, price \$7 a year; single copies \$1.25 each. *Brittonia*, 1-3, price \$5. North American Flora, to be completed in 34 volumes of four or more parts each, 80 parts now issued, prices separate. Contributions, 1-14, 1902-1941, price \$5 a volume. *Memoirs*, 1-7, 1900-1941, separately priced.

923. New York Dermatological Society. *President:* J. Gardner Hopkins, 102 East 78th Street, New York, N. Y. *Secretary:* A. Benson Cannon, 371 Park Avenue, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Founded May 18, 1869.

Object: To form an organization devoted to the investigation and consideration of dermatology, and to give a full opportunity for exchange of medical opinions.

Membership: A candidate for membership must be a resident of New York or vicinity, must receive an invitation from the Society, and must present an acceptable thesis on some dermatological subject. Active and Honorary members. Active membership is limited to 20. Entrance fee \$50; annual dues \$6.

Meetings: Monthly, from October to May inclusive, on the fourth Tuesday of the month. Each member in turn is host and the meeting is usually held at his office.

Publications: A report of each meeting is published in the Archives of Dermatology and Syphilology.

924. New York Diabetes Association, Inc. 2 East 103rd Street, New York, N. Y. *President:* James Ralph Scott, 960 Park Avenue, New York, N. Y. *Secretary:* Virginia Engelhardt.

History: Organized December, 1934; incorporated 1938.

Object: The dissemination of information on diabetes, and the operation of a summer camp for indigent diabetic children.

Meetings: There are about four open meetings a year.

Research funds, medals, etc.: Research is carried on at the camp during the summer.

Publications: Fundamental Concepts, quarterly, distributed to physicians.

925. New York Electrical Society, Inc. 29 West 39th Street, New York, N. Y. *President:* Clarence L. Law, 4 Irving Place, New York, N. Y. *Secretary:* P. M. Neave. Officers elected for one year; terms expire Summer, 1942.

History: Organized 1881.

Object: To interpret to its members and to the public, by demonstration lectures, the advances in various fields of science and engineering.

Membership: Active members, 462, entrance fee \$2, annual dues \$5; Company Sustaining, 12, \$25 to \$100; Sustaining, 2; Honorary, 2; Life, 31.

Meetings: Monthly, October to May, at the Engineering Societies Building, in New York City.

926. New York Entomological Society. American Museum of Natural History, New York, N. Y. *President:* Harry B. Weiss, New Jersey Department of Agriculture, Trenton, N. J. *Secretary:* Annette Bacon. Officers elected for one year; terms expire January, 1943.

History: Organized June 29, 1892; incorporated February, 1893.

Object: The advancement and cultivation of entomological science.

Membership: Annual members, annual dues \$3; Life members, payment of \$50. Membership open to those interested in entomology. Total membership 134.

Meetings: The first and third Tuesday evenings of the month, from October to May, in the Roosevelt Memorial, American Museum of Natural History, New York City.

Publications: *Journal*, quarterly, 1-49, 1892-1941, price \$3, \$1.50 to members.

927. New York Microscopical Society. American Museum of Natural History, Central Park West at 79th Street, New York, N. Y. *President:* Robert M. Wotton. *Secretary:* William H. Wiegmann, 436 East Fifth Street, New York, N. Y. Officers elected for one year; terms expire January, 1943.

History: Organized 1877; incorporated 1878. *Object:* The cultivation and advancement of microscopical science.

Membership: Resident members, 158, annual dues \$2; Fellows, 37, \$5; Life, 10, payment of \$100; Corresponding, 15. Total membership 220.

Meetings: The first and third Fridays, October through May, at the American Museum of Natural History.

Library: 500 volumes on microscopy.

Research funds, medals, etc.: MEMORIAL FUND and LIFE MEMBERSHIP FUND, the income of which is used for publication.

Publications: Transactions, 1, no. 1-4, 1878-1879. Journal, 1-16, 1885-1901. Annual, 1902. Bulletin, irregular, no. 1-6, 1936-1941, price 10 cents an issue.

928. New York Mineralogical Club, Inc. American Museum of Natural History, New York, N. Y. *President:* John N. Trainer, 274 Madison Avenue, New York, N. Y. *Secretary:* M. Allen Northrup, 10 Godet Place, Morristown, N. J. Officers elected for one year; terms expire June, 1942.

History: To encourage an interest in mineralogy.

Membership: Annual members, annual dues \$2; Honorary members. Total membership 151.

Meetings: Monthly, from October to May inclusive, at the American Museum of Natural History.

Publications: Bulletin, irregular, 1-3, 1907-1941.

929. New York Museum of Science and Industry. 30 Rockefeller Plaza, New York, N. Y. *President:* F. B. Jewett, 195 Broadway, New York, N. Y. *Secretary:* C. T. Gwynne, 65 Liberty Street, New York, N. Y.

History: A charter was issued on February 6, 1914, to the Association for the Establishment and Maintenance, for the People, in the City of New York, of Museums of the Peaceful Arts; name changed to the Museum of Science and Industry in the City of New York in 1930, and to present title February, 1931.

Object: To further education in science and industry.

Membership: Corporate and Associate members, and Donors. Annual dues \$5 for Associate members. Membership is by election. Total membership 126.

Meetings: Annual, in New York City, as designated by the Board of Trustees.

Library: 2,000 volumes on general science.

930. New York Neurological Society. New York Academy of Medicine, 2 East 103rd Street, New York, N. Y. *President:* A. A. Brill, 88 Central Park West, New York, N. Y. *Secretary:* Clarence C. Hare, 115 East 61st Street, New York, N. Y. Officers elected for one year; terms expire May, 1942.

History: Instituted January 10, 1872; reorganized April 6, 1874; incorporated April 20, 1882.

Object: The advancement of the science of medicine in its relation to the nervous system.

Membership: Active, Senior, and Honorary members. Entrance fee \$5, annual dues \$5. Total membership 220.

Meetings: Monthly, October to May inclusive, at the New York Academy of Medicine.

Publications: Proceedings are published in the Journal of Nervous and Mental Disease and in the Archives of Neurology and Psychiatry.

931. New York Pathological Society. New York Academy of Medicine, 2 East 103rd Street, New York, N. Y. *President:* Jean Oliver, 335 Henry Street, Brooklyn, N. Y. *Secretary:* John M. Pearce, 335 Henry Street, Brooklyn, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized 1844; incorporated 1886.

Object: The advancement of the knowledge of pathological anatomy, histology, and general pathology.

Membership: Active members, entrance fee \$5, annual dues \$5; Life members. Total membership 275.

Meetings: Monthly, on the fourth Thursday, October through May, at the New York Academy of Medicine.

Research funds, medals, etc.: MIDDLETON GOLDSMITH FUND, capital \$7,000, income used to pay a lecturer who addresses the Society on some topic, usually of a pathological nature.

Publications: Transactions, 1876-1879. Bulletin, 1881. Proceedings, 1882-1900; n.s., 1901-1926; abstracts published in the Archives of Pathology, 1927-1940, and in the New York State Journal of Medicine, October, 1940 to date. Middleton Goldsmith Lectures. Publications are free to members.

932. New York Psychiatric Society. *President:* Frederick W. Parsons, 10 Park Avenue, New York, N. Y. *Secretary:* Gerald R. Jamieson, 525 East 68th Street, New York, N. Y. Term of President expires January, 1942.

History: Organized 1904.

Object: The discussion of psychiatric problems.

Membership: Resident members, annual dues \$5; Non-resident, \$3; Honorary. Total membership 45.

Meetings: November through April, at the Century Club, New York City.

Publications: Collected Papers, vol. 1-2.

933. New York Society for Clinical Psychiatry. *President:* Robert B. McGraw, 2 East 85th Street, New York, N. Y. *Secretary:* Frank J. Curran, 404 East 55th Street, New York, N. Y. Terms of officers expire 1944.

History: Organized November, 1922.

Object: The advancement of clinical psychiatry.

Membership: Open to licensed physicians with one year's residence in a recognized mental hospital or equivalent. Annual dues \$3.

Meetings: Annual, at the New York Academy of Medicine Building; six to eight other meet-

ings a year are held at various hospitals, both general and mental.

934. New York Society of Model Engineers, Inc. 152 West 42nd Street, New York, N. Y. *Chairman:* Clark H. Pool, Jr., 452 Eighty-fourth Street, Brooklyn, N. Y. *Secretary:* John B. Reschke, 394 Elderts Lane, Brooklyn, N. Y. Officers elected for one year; terms expire April, 1942.

History: Organized March 10, 1926; incorporated December 7, 1933.

Object: To encourage the art of making and operating models by amateurs, and activities relating thereto. Particular emphasis is placed on model gasoline engines, steam engines, and locomotives.

Membership: Regular, Associate, and Corporate members. Entrance fee \$5, annual dues \$5. Membership is open to those who have a mature interest in model making. Total membership, approximately 100.

Meetings: The fourth Tuesday, at headquarters. An annual exhibition is held in February.

Publications: Show Bulletin, annual, free.

935. New York State Association of Municipal Engineers. City Hall, Albany, N. Y. *President:* Joseph B. Shaw, City Hall, Utica, N. Y. *Secretary:* Benjamin Rasbach, Municipal Building, Herkimer, N. Y. Officers elected for one year; terms expire June, 1942.

History: Organized 1925 as a branch of the New York State Conference of Mayors and other city officials. Up to 1936, the organization was known as the New York State Association of City and Village Engineers.

Object: The exchange of ideas concerning municipal engineering.

Membership: Active and Associate members, annual dues \$2.

Meetings: Two meetings a year, the June meeting in Albany, and the fall meeting as designated by the Board of Directors.

936. New York State Committee on Mental Hygiene of the State Charities Aid Association. 105 East 22nd Street, New York, N. Y. *Chairman:* Clarence O. Cheney, N. Y. Hospital, White Plains, N. Y. *Secretary:* Homer Folks.

History: Organized 1910. There are fifteen affiliated County Mental Hygiene Committees. *Reference:* Mental Health for Everyone: Program for County Mental Hygiene Committees.

Object: To promote mental hygiene, to develop mental hygiene resources, and to secure high standards of care, treatment, and training for persons suffering from mental diseases, mental defect, and epilepsy.

Membership: By invitation. Total membership 57. No dues.

Meetings: Annual.

Library: 225 volumes on mental hygiene.

Research funds, medals, etc.: There are, occasionally, funds for special studies.

Publications: Annual Report.

937. New York State Geographical Association. *President:* Isabelle K. Hart, State Normal School, Oswego, N. Y. *Secretary:* M. Melvina Svec, State Teachers College, Buffalo, N. Y. Term of President, elected for one year, expires October, 1942; office of Secretary is permanent.

History: The first meeting was held April 13, 1935.

Object: To foster research in the study of the geographic regions and problems of New York State, and to promote interest in geography and its support in the school curriculum.

Membership: Open to persons with an interest in geography and social studies. There is a registration fee at the annual meeting. Total membership 35; total mailing list 250.

Meetings: Annual, at different colleges of the State.

938. New York State Geological Association. *President:* T. M. Hills, Vassar College, Poughkeepsie, N. Y. *Secretary:* A. S. Warthin, Jr., Vassar College, Poughkeepsie, N. Y. Officers elected for one year; terms expire May, 1942.

History: Organized 1925.

Object: To promote acquaintance among geologists of the State, and to increase familiarity with the geology of the State.

Membership: Open to advanced students and faculty members in colleges and universities of New York State. Registration fee \$1.

Meetings: Annual, at various places.

939. New York State Horticultural Society. *President:* Bruce P. Jones, Hall, N. Y. *Secretary:* Roy P. McPherson, Le Roy, N. Y. Officers elected for one year; terms expire January, 1943.

History: The Western New York Horticultural Society was organized in 1855, and the New York State Fruit Growers' Association in 1901; these organizations merged to form the New York State Horticultural Society in 1919.

Object: To promote horticulture in the State of New York.

Membership: Annual members, annual dues \$3; Life members, payment of \$25. Total membership 800.

Meetings: Annual, in Rochester.

Publications: Proceedings, annual, free to members.

940. New York State Pharmaceutical Association. 1261 Broadway, New York, N. Y. *President:* Louis G. Gitlin, 445 Audubon Avenue, New York, N. Y. *Secretary:* Robert S. Lehman, 15 Park Row, New York, N. Y. Officers elected for one year; terms expire June, 1942.

History: Organized May 21, 1879; incorporated September 1, 1879. There is a Committee on Pharmacy and Queries.

Object: The advancement of pharmacy as a profession and as an occupation.

Membership: Regular, Associate, Life, and Honorary members. Annual dues \$10. Total membership 6,800.

Meetings: A convention is held annually, usually in June; occasional meetings during the winter.

Publications: New York State Pharmacist, monthly, 1-16, 1927-1941, free to members.

941. New York State Society of Professional Engineers, Inc. Room 1941, Grand Central Terminal, New York, N. Y. *President:* Frederick H. Zurmuhlen, 590 Bard Avenue, West New Brighton, Staten Island, N. Y. *Secretary:* Ernest F. Fox, 811 Walton Avenue, Bronx, N. Y. Term of President, elected for one year, expires June, 1942.

History: Organized 1925.

Object: The promotion of the profession of engineering.

Membership: Annual dues vary from \$10 to \$12, depending on the individual chapter to which the member belongs. Total membership 4,500. List of members in Year Book.

Meetings: Three times a year, at places chosen by the Board of Directors.

Publications: American Engineer, issued by the National Society of Professional Engineers, is sent free to members of the State society. Year Book, price \$10.

942. New York State Waterways Association, Inc. 240 State Street, Albany, N. Y. *President:* George D. MacDonald, 1602 Marine Trust Building, Buffalo, N. Y. *Secretary:* Warner Bates. Officers elected for one year.

History: Organized about 1909.

Object: To protect and develop the inland waterways of New York State.

Membership: Individual members, annual dues \$5; Firm members, minimum of \$25. Total membership, between 300 and 400.

Meetings: Annual.

Publications: Annual Report. 1- , 1910- .

943. New York Surgical Society. N. Y. Academy of Medicine. 2 East 103rd Street, New York, N. Y. *President:* Frederic W. Bancroft, 16 East 90th Street, New York,

N. Y. *Secretary:* Preston A. Wade, 1045 Park Avenue, New York, N. Y. Officers elected for two years; terms expire May, 1943.

History: Organized 1879.

Membership: Attending, assistant attending, and consulting surgeons of New York hospitals are eligible for membership; Active membership is limited to 75.

Meetings: The second and fourth Wednesdays of October, November, January, February, March, and April; the second Wednesdays of December and May, at the New York Academy of Medicine.

944. New York Tuberculosis and Health Association, Inc. 386 Fourth Avenue, New York, N. Y. *President:* J. Burns Amberson, Jr., 651 West 238th Street, Bronx, N. Y. *Secretary:* Myron I. Borg, Jr. Officers elected for one year; terms expire March, 1942.

History: Successor since 1925 to the New York Tuberculosis Association, which in turn was successor in 1919 to the former Committee on the Prevention of Tuberculosis of the Charity Organization Society of New York, which was originally formed in 1902.

Object: The promotion of health conservation and of the best means of controlling and eradicating sickness; research into the nature of the causes of illness; the dissemination of knowledge necessary to acquire and maintain health; and the coordination of the work of agencies engaged in the foregoing activities.

Membership: Seal Sale Contributions, annual dues \$1 and up; Professional membership, physicians, nurses, and health workers, \$2; General membership for support of the Association's program, \$10 and up. There are 500 general and professional members.

Meetings: Annual, in March; meeting of the Directors, monthly, October to June.

Research funds, medals, etc.: About \$34,000 is used annually for the support of the research and statistical services. There is a special committee on cardiac research which involves the employment of nine workers. The statistical service carries on studies in the fields of tuberculosis, social hygiene, mortality, and morbidity in the City of New York and the Metropolitan Area.

Publications: Social Hygiene Bulletin, monthly. Journal, monthly. Yearbook. Annual Report.

945. New York Zoological Society. 630 Fifth Avenue, New York, N. Y. *President:* Fairfield Osborn.

History: Incorporated 1895 under special charter granted by the legislature of the State of New York. It assumed control, July 1, 1898,

of the grounds of South Bronx Park for the development and maintenance of the New York Zoological Park. Since October 31, 1902, the New York Aquarium has also been under the control and administration of the Society.

Object: The management of the New York Zoological Park and the New York Aquarium; the promotion of zoology through education, publication, exploration, and research; and the conservation of the animal life of the world.

Membership: Annual members, 915, annual dues \$10; Life, 324, payment of \$200; Patrons, 34; Associate Founders, 9, \$2,500; Founders, 6, \$5,000; Founders in Perpetuity, 9; Benefactors, 2; Honorary, 4; Fellows, 56; Corresponding, 19; Research Assistants, 2; Junior members, annual dues \$3.

Meetings: Annual, the second Tuesday in January, in New York City.

Library: 4,350 volumes and 4,000 periodicals on general zoology and allied subjects.

Research funds, medals, etc.: The Society maintains the Department of Tropical Research, at Bronx Park.

Publications: Annual Report, 1-45, 1895-1940. News Bulletin, nos. 1-5, 1897-1901. Zoological Society Bulletin, nos. 6-60, 1901-1913; vol. 17-30, 1914-1927. Bulletin of the New York Zoological Society, bimonthly, vol. 30- , 1927- , price \$1.50, free to members. Zoologica, quarterly since 1936, 1- , 1907- . Zoopathologica, vol. 1, 1916-1927, II, 1928; publication discontinued.

946. Newark Museum Association. 49 Washington Street, Newark, N. J. **President:** Arthur F. Egner, Newark Museum, Newark, N. J. **Secretary:** Beatrice Winsor, Newark Museum, Newark, N. J.

History: Organized 1909; moved into permanent building in 1926.

Object: To establish a museum for the reception and exhibition of articles of art, science, history, and technology, and for the encouragement of the study of arts and sciences.

Membership: Annual members, 302, annual dues \$5; Subscribing, 57, \$10; Chapter, 4, \$25; Patrons, 13, \$25; Sustaining, 11, \$50; Life, 40, \$500; Perpetuity, 13, \$5,000; Benefactors, 2, \$50,000; Associates, 153, \$2; Ex officio, 3; Honorary, 4; Total membership 602. Endowment members; Endowment Fellows.

Meetings: Annual, at the Museum.

Library: 5,000 books, 250 periodicals, 9,000 photographs, 4,000 negatives, and 8,000 pamphlets.

Publications: Museum, 1-4, 1925-1932. Annual Report, 1909-1934.

947. Newcomen Society of England. American Branch. 29 West 39th Street, New York, N. Y. **Senior Vice President for North**

America: Charles Penrose, Packard Building, Philadelphia, Pa. **Junior Vice President for North America:** James R. Leavell, Continental Illinois National Bank and Trust Company, Chicago, Ill. **Honorary Corresponding Secretary for U. S. A.:** George A. Stetson.

History: Founded 1922 as the American Branch of the parent society at London; the London headquarters are at the Science Museum, South Kensington, London SW 7. There are forty-three geographical groups in the United States and one in Canada.

Object: To promote study and research in the various fields of material history, especially the history of industry, transportation, the utilities, communication, banking, finance, economics, agriculture, mining, and the law.

Membership: By invitation only; election by the parent society at London. Annual dues, one pound Sterling. Total membership, approximately 1,800.

Meetings: Monthly, during the winter, approximately eight times in New York City, once each in Boston, Chicago, Philadelphia, and Washington. Regional meetings, as desired.

Library: The New York Public Library is the repository for the publications of the American Branch.

Research funds, medals, etc.: NEWCOMEN LECTURES, given occasionally at Princeton University.

Publications: American Addresses, issued from time to time. Newcomen Bulletin for North America, issued 14 times a year.

948. Non-Ferrous Ingot Metal Institute. 308 West Washington Street, Chicago, Ill. **President:** Benjamin Harris, Chicago Heights, Ill. **Secretary:** R. D. T. Hollowell. Terms of officers expire January, 1942.

History: Organized 1928.

Object: To promote the interests of its members and the use of ingot brass and bronze, in every proper way.

Membership: Monthly assessments are based upon the volume of shipments.

Meetings: Usually about every two months.

Research funds, medals, etc.: The Metallurgists' Advisory Committee, composed of the chief metallurgists of each member company, directs the research activities of the Institute. A Research Associate is maintained at the National Bureau of Standards.

949. North American Council on Fishery Investigations. **Chairman:** A. G. Huntsman, University of Toronto, Toronto, Canada. **Secretary:** Elmer Higgins, Bureau of Fisheries, Department of the Interior, Washington, D. C. Officers elected for an indefinite period.

History: A conference of fishery experts from the United States, Canada, and Newfoundland, held on the invitation of the Canadian Government at Ottawa, September 23, 1920, recommended the formation of an international committee, which was done. Each country appointed members of an "International Committee on Marine Fishery Investigations," the first meeting of which was held at Montreal on June 23, 1921. Meetings were held twice each year, spring and autumn, up to 1928, but from 1929 on, the meetings have been held annually in the autumn. In 1924, the name was changed to North American Committee on Fishery Investigations, and in 1931 to present title. In 1923, France joined the Council.

Object: To determine what measure of international cooperation is desirable and what general investigations should be undertaken; to consider definite problems that may be awaiting study; to submit recommendations to the respective governments; and to coordinate and correlate the results of the work.

Membership: As many as three members for each country, appointed officially. Advisers as may be designated by each country.

Publications: Proceedings of North American Council on Fishery Investigations, 1-13, 1921/30 to 1934/36.

950. North Central Association of Colleges and Secondary Schools. **President:** DeWitt S. Morgan, Superintendent of Schools, Indianapolis, Ind. **Secretary:** G. W. Rosenlof, University of Nebraska, Lincoln, Nebr. Term of President, elected for one year, expires March, 1942; the Secretary is appointed by the Executive Committee and serves for at least a term of three years, and more often for a period of six years.

History: Organized 1895. **Sections:** Arizona, Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Dakota, Ohio, Oklahoma, South Dakota, West Virginia, Wisconsin, and Wyoming.

Object: To bring about a better acquaintance and cooperation between the colleges and secondary schools of this territory; to consider common educational problems and to devise the best ways and means of solving them; and to promote the physical, intellectual, and moral well-being of students by urging proper sanitary conditions of school buildings, adequate library and laboratory facilities, and higher standards of scholarship.

Membership: Secondary schools, 2,955, annual dues \$5; Junior Colleges, 46, \$25; Colleges and Universities, 256, \$50.

Meetings: Annual, in Chicago.

Publications: Proceedings, 1896-1925. North Central Association Quarterly, 1-16, 1926-1941,

price \$5 a year or \$1.25 per copy, subscription included in members' dues.

951. North Carolina Academy of Science. **President:** R. E. Coker, Chapel Hill, N. C. **Secretary:** Bert Cunningham, Durham, N. C. Term of President, elected for one year, expires May, 1942; of Secretary, elected for three years, May, 1942.

History: Founded March 21, 1902; practically reorganized through radical changes in the constitution, May 1, 1903. **Sections:** Physics, Mathematics, Chemistry, Botany, Geology, Psychology, and Zoology. **Reference:** Journal of the Elisha Mitchell Scientific Society, 38: 46, 1930.

Object: To promote study and research, and to furnish a means of publication of worthwhile papers.

Membership: Open to anyone interested in science. Members, annual dues \$2; Life members. Total membership 350. List of members available for \$1.

Meetings: Annual, at different places.

Library: The library of the University of North Carolina is the repository for the exchanges of the Academy.

Research funds, medals, etc.: A grant of approximately \$75 from the American Association for the Advancement of Science. The JEFFERSON INTER-ACADEMY AWARD is a medal given to one of six southern Academies for a meritorious paper, presented to the individual Academy. In each of these southern states an anonymous donor has given a prize of \$50 for a noteworthy paper at the Academy meeting. Recipients of the \$50 awards become eligible for the Jefferson medal. The Academy awards a prize of \$20 to the high school student who presents a noteworthy exhibit at the Academy meeting, and an award of \$20 for a noteworthy essay in the field of forestry.

Publications: The Proceedings of the Academy are printed in the Journal of the Elisha Mitchell Scientific Society.

952. North Carolina Forestry Association. **President:** Colin G. Spencer, Carthage, N. C. **Secretary:** William L. Beasley, Carthage, N. C. Officers elected for one year; terms expire summer of 1942.

History: Formed in February, 1911, in Raleigh, N. C.

Object: To promote interest in the protection and fuller development of North Carolina's forest and game resources.

Membership: Active members, annual dues \$1; Sustaining, \$10 and up; Affiliated memberships with the American Forestry Association, \$5. Total membership 500.

Meetings: Annual, at place selected by the Executive Committee.

Research funds, medals, etc.: A prize is awarded in a state-wide high school forestry essay contest, conducted in cooperation with the North Carolina Academy of Science.

Publications: Tar Heel Forest Notes, monthly, free to members.

953. North Carolina Pharmaceutical Association. *President:* Ralph Rogers, Durham, N. C. *Secretary:* W. J. Smith, Chapel Hill, N. C. Officers elected for one year; terms expire June, 1942.

History: Organized August 11, 1880, at Raleigh, N. C.

Object: To promote the interests of the retail druggists of North Carolina.

Membership: Entrance fee \$1, annual dues for proprietors \$10 and for clerks \$4. Total membership 913. List of members in Yearbook.

Meetings: Annual, at place selected.

Publications: Carolina Journal of Pharmacy, monthly, 1-22, 1915-1941, price \$1; vols. 1-3 issued quarterly. Yearbook.

954. North Carolina Society of Engineers. *President:* R. G. Browning, State Highway and Public Works Commission, Raleigh, N. C. *Secretary:* Roy L. Williamson, City Hall, Raleigh, N. C. Officers elected for one year; terms expire January, 1942.

History: Organized February, 1918, as the North Carolina Society of Civil Engineers; name changed in 1920 to present title.

Object: To promote the interests of the engineering profession, to secure better service to the public, to disseminate engineering knowledge, to bring about a closer personal acquaintance among engineers, and to foster better standards of engineering.

Membership: Members, annual dues \$3; Associate, \$2; Student, \$1; Affiliates, \$5; Honorary. List of members in Yearbook.

Meetings: Two meetings annually: the January meeting is known as the Annual meeting, and is held in Raleigh; the summer meeting at time and place decided upon by the Board of Directors.

Research funds, medals, etc.: An annual certificate for outstanding engineering achievement is awarded by the Society.

Publications: News Bulletin, monthly, free to members. Year Book.

955. North Carolina Tuberculosis Association. *President:* C. W. Armstrong, Salisbury, N. C. *Secretary:* Robert V. Brawley, Winston-Salem, N. C. Officers elected for one year; terms expire April, 1942.

History: Incorporated July 5, 1920.

Object: The study and prevention of tuberculosis, and the promotion of health education.

Membership: Life, Representative, and Honorary members; Members, those who purchase Christmas seals at \$2.

Meetings: Annual, at various communities in the State.

Publications: News Letter, monthly, 1937-1941, free.

956. North Central Electric Association. Plymouth Building, Minneapolis, Minn. *President:* B. F. Pickard, Interstate Power Company, Dubuque, Iowa. *Secretary:* J. W. Lapham. Term of President expires July, 1942; Secretary appointed.

History: Organized 1920.

Object: To improve the science and art of the production, distribution, and use of electricity for public service in Minnesota, North Dakota, and South Dakota.

Membership: Annual dues \$5 to \$10. Total membership 300.

Meetings: At the discretion of the directors.

957. North Dakota Academy of Science. *President:* F. W. Christensen, Agricultural College, Fargo, N. Dak. *Secretary:* G. A. Abbott, University Station, Grand Forks, N. Dak. Term of President, elected for one year, expires May, 1942.

History: Organized at Valley City, N. Dak., in 1908 by a small group of the former members of the Indiana Academy of Science.

Object: To further research and to promote science in North Dakota.

Membership: Active members, entrance fee \$1, annual dues \$1. Total membership 115.

Meetings: Annual, alternating between the State University and the Agricultural College.

Research funds, medals, etc.: An annual grant from the American Association for the Advancement of Science.

958. North Dakota Society of Professional Engineers. *President:* Alex C. Burr, Jamestown College, Jamestown, N. Dak. *Secretary:* H. G. Hanson, State Board of Health, Bismarck, N. Dak. Officers elected for one year; terms expire May, 1942.

History: Organized 1909 as the North Dakota Society of Engineers; dormant since 1930 until the preliminary reorganization meeting, May, 1940; officially reorganized and a new constitution adopted May 10, 1941, with present title. There are six geographical districts.

Object: To further the advancement of the engineering profession, to promote high standards, and to benefit the community.

Membership: Full, Junior, Associate, and Honorary members. Annual dues \$2.50, and probable assessments. Total membership, about 50, mostly of Full member grade.

Meetings: Annual, at a different district each year.

959. North Dakota State Horticultural Society. State College Station, Fargo, N. Dak. *President:* Paul R. Owens, Grand Forks, N. Dak. *Secretary:* Harry A. Graves. Officers elected for one year; terms expire August, 1942.

History: Organized 1923.

Object: To collect and disseminate horticultural information.

Membership: Open to any person interested in horticulture. Annual dues \$1; Life membership, one payment of \$10. Total membership 325.

Meetings: Annual, at place selected.

Publications: North and South Dakota Horticulture, issued by the North and South Dakota State Horticultural Societies, price 50 cents, free to members; contains the North Dakota State Horticultural Society News Letter. Handbook, biennial, price \$1, free to members.

960. North Dakota State Medical Association. *President:* F. W. Fergusson, Kulm, N. Dak. *Secretary:* L. W. Larson, 221 Fifth Street, Bismarck, N. Dak. Officers elected for one year; terms expire May, 1942.

History: The first meeting was held at Milbank, South Dakota, June 2, 1882, as the Medical Society of the Territory of Dakota; name changed to North Dakota Medical Society in 1887; in May, 1904, to present title. There are thirteen district societies. *Reference:* North Dakota Medicine Sketches and Abstracts, by J. Grassick, 1926.

Object: The promotion of the scientific and ethical practice of medicine.

Membership: Members, Associate members, and Honorary members. Annual dues \$10. Total membership 357. Roster of members in the Journal-Lancet.

Meetings: Annual, rotating among the cities of the State.

Publications: Journal-Lancet, 1-71; n.s. 1-1941, free to members.

961. North Pacific Pediatric Society. *President:* A. H. Clay, Tacoma, Wash. *Secretary:* G. O. Matthews, Vancouver, B. C. Officers elected for one year; terms expire January, 1942.

History: Organized 1919.

Object: To further the scientific study and discussion of diseases of children in this locality.

Membership: Active and Associate members, entrance fee \$5, annual dues \$3. Total membership 58. List of members available.

Meetings: Semiannual, at various places.

962. North Pacific Society of Internal Medicine. *President:* John H. Fitzgibbon, 812 Wash-

ington Street, Portland, Ore. *Secretary:* Lester J. Palmer, 1115 Terry Avenue, Seattle, Wash. Officers elected for one year; terms expire August, 1942.

History: Organized 1927.

Object: To elevate the plane of internal medicine in the North Pacific area; to promote closer association between members; to disseminate information concerning men, methods, and work of other clinics; and to stimulate clinical investigation and research.

Membership: Active members, 55, limited to Washington, Oregon, Montana, Idaho, Wyoming, and British Columbia; Senior, those over sixty years of age; Inactive; Honorary. Members are required to have had five years in internal medicine, and after 1942 a certification by the Board will be required. Annual dues \$15. List of members available.

Meetings: Semiannual, at various places.

963. North Pacific Surgical Association. *President:* Thomas Joyce, Portland, Ore. *Secretary:* William M. Wilson, Portland, Ore. Officers elected for one year; terms expire November, 1941.

History: Organized March 9, 1912.

Object: The cultivation of the science and art of surgery, the uplift of the medical profession, and the promotion of the highest ethical standards in the practice of surgery.

Membership: Senior members, 28; Active members, 62. Entrance fee \$25, annual dues \$10. Total membership 90.

Meetings: Annual, in rotation.

Research funds, medals, etc.: An Annual Founders' Lecture, to further perpetuate the memory of the Founders of the Association; an honorarium is provided.

964. North Texas Geological Society. *President:* Robert Roth, Humble Oil and Refining Company, Wichita Falls, Tex. *Secretary:* Dolphe E. Simic, Cities Service Oil Company, Wichita Falls, Tex. Officers elected for one year; terms expire November, 1942.

History: Organized 1926.

Object: To increase the knowledge of geology, especially that of North Texas and the adjacent regions, and to promote fellowship and cooperation among geologists of the region.

Membership: Annual dues \$1.50. Total membership 50.

Meetings: Weekly, each Thursday.

965. Northeastern Bird-Banding Association. 210 South Street, Boston, Mass. *President:* Laurence B. Chapman, Wellesley, Mass. *Secretary:* Charles B. Floyd, Auburndale, Mass. Term of President, elected for three years, expires 1942.

History: Formed January, 1922, under the name of the New England Bird-Banding Association; name changed January 17, 1924, to present title.

Object: To increase the knowledge of birds and their habits by means of bird-banding and related methods of information.

Membership: Active members, must be prepared to band birds and are required to have a United States permit and in most states a state license to trap birds for banding purposes, annual dues \$2.50; Non-active or Sustaining members, who may also qualify as Active members, annual dues \$5 or more. Total membership 700.

Meetings: Annual, in January, in Boston.

Publications: Bird-banding, quarterly, price \$2.50, free to members.

966. Northern Arizona Society of Science and Art, Inc. Museum of Northern Arizona, Flagstaff, Ariz. **President:** Harold S. Clifton, Flagstaff, Ariz. **Secretary:** Virgil Hubert. Term of President, elected for one year, expires July, 1942.

History: Organized 1928. **Reference:** Museum Notes, vol. 10, no. 11, May, 1938.

Object: To preserve for the people of Northern Arizona, their scientific and artistic treasures and resources, both ancient and modern; to conduct research; to encourage art in its broadest sense; and to diffuse such knowledge.

Membership: Annual, Life, and Corresponding members. Annual dues \$5. Total membership 129.

Meetings: Annual, in Flagstaff.

Library: 2,317 volumes on the geology, biology, archaeology, ethnology, and art of Northern Arizona.

Research funds, medals, etc.: About one half of the budget is devoted to research.

Publications: Museum Notes, 1-10, 1928-1938; continued as Plateau, 11-13, 1939-1941, quarterly, price \$1.20 a year, free to members. The Annual Report is in the April number of the Plateau.

967. Northern California Public Health Association. **President:** Fred T. Foard, United States Public Health Service, Federal Office Building, San Francisco, Calif. **Secretary:** Ann W. Haynes, Room 659, Phelan Building, San Francisco, Calif. Officers elected for one year, terms expire in the spring of 1942.

History: Organized 1927.

Object: To promote public health in California.

Membership: Composed of Members and Fellows of the American Public Health Association living in Northern California. Total membership 350.

Meetings: Quarterly.

968. Northern Tri-State Medical Association.

President: Lyman T. Rawles, Fort Wayne, Ind. **Secretary:** F. R. Nicholas Carter, South Bend, Ind. Officers elected for one year; terms expire April, 1942.

History: Organized 1873. **Sections:** Indiana, Ohio, and Michigan.

Object: To conduct meetings at which outstanding medical achievements are discussed.

Membership: Annual dues \$2. Total membership 300. List of members available.

Meetings: Annual, at different cities throughout the States.

969. Northwest Association of Horticulturists, Entomologists and Plant Pathologists.

President: Edwin Smith, Wenatchee, Wash. **Secretary:** J. M. Raeder, University of Idaho, Moscow, Idaho. Officers elected for one year; terms expire July, 1941.

History: Instituted in 1918; the first meeting was held at Corvallis, Oreg., August 5-9, 1918. First known as the Western Horticulturists, the name was changed in 1919 to Western Horticulturists, Entomologists, and Plant Pathologists, and in 1921 to the present title.

Object: To afford members of state experiment station staffs, and investigators connected with the United States Department of Agriculture who are located in the Pacific Northwest, together with members of provincial and government agricultural experiment station staffs of British Columbia, an opportunity to gather and discuss problems of mutual interest and peculiar to the Pacific Northwest.

Membership: Annual dues 50 cents. Total membership 267.

Meetings: Annual.

Publications: H.E.P.P. Annual, 1-5, 1935-1939.

970. Northwest Mining Association.

President: James L. Leonard, 510 West First Avenue, Spokane, Wash. **Secretary:** Carl Halstrom, 510 West First Avenue, Spokane, Wash. Officers elected for one year; terms expire December, 1942.

History: Organized 1895.

Object: To promote the general welfare of the mining industry, and to secure adequate recognition for it in the Northwest.

Membership: Open to anyone interested in mining. Annual dues \$5.

Meetings: Convention, the first week in December; luncheon meeting every Monday.

Library: Volumes on mining; both state and government reports covering the Northwest States and British Columbia.

Publications: Northwest Mining News, semimonthly, 1- , 1916- , price \$2, free to members.

971. Northwest Scientific Association. Eastern Washington College of Education, Cheney, Wash. *President:* J. Warren Severy, University of Montana, Missoula, Mont. *Secretary:* Hallock F. Raup. Officers elected for one year; terms expire December, 1942.

History: Organized 1923. *Sections:* Bacteriology, Public Health, Engineering, Social Science, Geology, Geography, Botany, Zoology, Chemistry, Physics, Mathematics, Forestry, and Soil Conservation.

Object: To encourage scientific research and to diffuse the knowledge of such research in the Pacific Northwest.

Membership: Members, Institutional members, Life members, Supporting members, and Patrons. Annual dues \$1. Total membership 525. List of members available.

Meetings: Annual.

Library: 500 volumes.

Research funds, medals, etc.: HOWARD FLINT MEMORIAL FUND, approximately \$1,250 for scientific research. \$50 to \$150 available in additional funds.

Publications: Northwest Science, quarterly, 1-15, 1926-1941, free to members.

Nutrition Foundation. See No. 1268 in *Addenda*.

972. Nuttall Ornithological Club, Inc. *President:* Glover M. Allen, Museum of Comparative Zoology, Cambridge, Mass. *Secretary:* Charles H. Blake, Massachusetts Institute of Technology, Cambridge, Mass. Officers elected for one year; terms expire December, 1942.

History: Founded 1873 as the Nuttall Ornithological Club of Cambridge; name changed to present title and the Club incorporated in 1921. *Reference:* Bird Clubs in America, by F. H. Allen, Bird-Lore, 5: 12-17.

Object: The study of ornithology.

Membership: Resident members, 91, entrance fee \$2, annual dues \$2; Corresponding and Honorary members. List of members available.

Meetings: Monthly, the first and third Mondays, October to June inclusive.

Publications: Bulletin, 1-8, 1876-1883; continued as the Auk, and published by the American Ornithologists' Union. Memoirs, nos. 1-8, 1886-1937.

973. Oceanographic Society of the Pacific. *President:* R. C. Miller, California Academy of Sciences, Golden Gate Park, San Francisco, Calif. *Secretary:* C. L. Utterback, University of Washington, Seattle, Wash. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, 1944.

History: Organized June 28, 1935.

Object: To stimulate and promote research in oceanography in all branches of science.

Membership: Annual dues \$1. Total membership 80. List of members available.

Meetings: Annual, usually with the Pacific Division of the American Association for the Advancement of Science.

974. Ogden Engineers Club. *President:* L. M. Huggins, 1024 Twenty-fifth Street, Ogden, Utah. *Secretary:* L. N. Grange, 2818 Eccles Avenue, Ogden, Utah. Officers elected for one year; terms expire January, 1943.

History: The organization grew out of the American Association of Engineers with the founding of the Ogden Chapter in 1918; in 1924 the organization dropped its affiliation with the American Association of Engineers and assumed the present title.

Object: To promote the social and business interests of the engineer.

Membership: Regular and Associate members. Annual dues \$1. Total membership 150.

Meetings: Monthly.

975. Ohio Academy of Science. Ohio State University, Columbus, Ohio. *President:* E. Van Cleaf. *Secretary:* A. W. Lindsey, Denison University, Granville, Ohio. Officers elected for one year; terms expire May, 1942.

History: Organized December 31, 1891, as the Ohio State Academy of Science; name changed 1914 to present title. *Sections:* Zoology, Botany, Geology, Medical Sciences, Psychology, Physics and Astronomy, Geography, Chemistry, and Junior Academy of Science. *Reference:* History of the Ohio Academy of Science, Ohio Journal of Science, July, 1941.

Object: The promotion of scientific research and the diffusion of scientific knowledge.

Membership: Members, Honorary members, Fellows, Honorary fellows, Patrons. Entrance fee \$2.50, annual dues \$2.50. Total membership approximately 500. List of members available for 25 cents.

Meetings: Annual, at time and place selected by the Executive Committee.

Library: Approximately 350 exchanges on all branches of science, in the Library of the Ohio State University.

Research funds, medals, etc.: A fund of \$2,000, income about \$120, plus a grant from the American Association for the Advancement of Science, is available for research.

Publications: Annual Report, 1-11, 1892-1902; continued as Proceedings, 1892-, which also contains Special Papers. Ohio Naturalist, 1-15, 1900-1914; name changed to Ohio Journal of Science, bimonthly, 1915-, price \$2, free to members.

976. Ohio Association for Applied Psychology. *President:* Oliver A. Ohmann, Cleveland College, Western Reserve University, Cleve-

land, Ohio. *Secretary:* Myra W. Kuenzel, 5054 Madison Road, Cincinnati, Ohio. Officers elected for one year; terms expire April 1, 1942.

History: Sixteen representatives from the Cleveland, Columbus, and Cincinnati areas of the State of Ohio met on December 10, 1938, to organize a state psychological association. The Association is an affiliate of the American Association for Applied Psychology, Inc. *Affiliated societies:* Cincinnati Association for Applied Psychology, Cleveland Association for Applied Psychology, Columbus Psychological Club.

Object: The advancement of applied psychology as based on scientific principles; the definition and promotion of high ethical and professional standards in the application of psychology; the advocacy and support for training of applied psychologists; the encouragement of cooperative research in the field of applied psychology; the development of new professional opportunities; the promotion of proper and adequate legislation governing psychological services; and the transaction of such other business as is consistent with its primary purpose.

Membership: Members, residents of the State of Ohio who are members of or meet the requirements of the American Association for Applied Psychology; Fellows. Annual dues \$1. Total membership 53.

Meetings: Annual, at various places.

977. Ohio Ceramic Industries Association. *President:* C. E. Bales, Ironton Fire Brick Company, Ironton, Ohio. *Secretary:* H. E. Nold, Lord Hall, Ohio State University, Columbus, Ohio. Terms of officers expire October, 1942.

History: Organized 1924.

Object: To foster and encourage education in ceramics in the department of ceramic engineering, Ohio State University, and to aid the Engineering Experiment Station of the University in developing and financing an extensive program in research ceramics.

Membership: Controlling, annual dues for one plant \$25, and for each additional plant in Ohio \$10; Individual, annual dues \$5.

Meetings: Annual fall meeting, at Columbus; annual spring meeting, at some ceramic center in the State; annual three-day meeting, at the Ceramic Operatives' Institute, at Columbus.

Research funds, medals, etc.: The Association frequently aids in obtaining research funds for ceramic research at the University Engineering Experiment Station, but does not administer them.

Publications: Monthly News Letter, mimeographed. Final publications published by Engi-

neering Experiment Station in its Bulletin and Circular Series.

978. Ohio Federation of Public Health Officials. *President:* P. L. Harris, Ravenna, Ohio. *Secretary:* W. D. Bishop, Greenville, Ohio. Officers elected for one year; terms expire May, 1942.

History: The original organization was called the Ohio Society of Sanitarians; a new Constitution was adopted, and the name was changed to the present title in 1932.

Object: To unite the official public health employees of Ohio for educational, social, and other beneficial endeavors.

Membership: Annual dues \$2. Total membership 400.

Meetings: Annual, in Columbus.

979. Ohio Forestry Association. *President:* Guy B. Findley, Court House, Elyria, Ohio. *Secretary:* Charles R. Page, Ohio Agricultural Experiment Station, Wooster, Ohio. Officers elected for one year; terms expire February 1, 1942.

History: Organized 1903 as the Ohio State Forestry Society; name changed 1920 to present title.

Object: To promote interest in forestry and the conservation of natural resources in the State of Ohio.

Membership: Annual members, 425, annual dues \$1; Life, 90, payment of \$10. List of members available.

Meetings: Two meetings a year; the February meeting in Columbus and the September meeting, at various places.

Publications: Ohio Forester, 1916-1928. Ohio Forest News, bimonthly, 1928-1941, free.

980. Ohio Gas and Oil Men's Association. Room 811, 33 North High Street, Columbus, Ohio. *President:* T. C. Jones, Delaware, Ohio. *Secretary:* Frank B. Maullar. Officers elected for one year; terms expire June 30, 1942.

History: Organized June 10, 1918.

Object: To further the progress of the oil and gas industries of the State.

Membership: Active and Affiliate members. Entrance fee \$1, annual dues \$1. Total active membership from 300 to 350.

Meetings: Irregular, at various places.

Publications: A monthly bulletin is issued.

981. Ohio Society of Professional Engineers. 63 South High Street, Columbus, Ohio. *President:* William C. Kammerer, 1900 Euclid Avenue, Cleveland, Ohio. *Secretary:* William S. Dun. Term of President, elected for one year, expires February, 1942.

History: Founded 1878 as the Association of County Surveyors of the State of Ohio; name changed in 1883 to Ohio Society of Surveyors and Civil Engineers, in 1906 to Ohio Engineering Society, and in 1935 to present title. Incorporated 1941. The Society has twenty-seven geographic chapters, and also has functional groups divided along professional lines.

Object: To advance the scientific, professional, and economic interests of the engineer through research, promotion of technical and scientific information, legislation, care of public relations, and maintenance of the integrity of professional practice; and to cooperate with national, and other state and local engineering societies.

Membership: Members are required to be registered professional engineers and surveyors, or to be preparing themselves for registration. Active members, annual dues \$8, of which \$4 is for the Ohio Society and \$4, for the National Society; Surveyor, \$4; Junior, \$3; Student, \$1. Subscription to the American Engineer is included in the dues. Total membership approximately 1,000. List of members available.

Meetings: Annual.

Research funds, medals, etc.: Citations, consisting of engraved certificates, limited to two a year, are awarded for outstanding engineering contributions to the public welfare, or for outstanding service in the interest of the professional welfare of the engineer.

Publications: Annual Report. Monthly Bulletin.

98a. Ohio State Archaeological and Historical Society. Ohio State Museum, Columbus, Ohio. **President:** Arthur C. Johnson, Sr., Columbus Dispatch, Columbus, Ohio. **Secretary:** Harlow Lindley. Term of President, elected for three years, expires 1943; of Secretary, indefinite.

History: Organized September, 1875, as the State Archaeological Association of Ohio; re-organized and incorporated March 12, 1885, under present title.

Object: To promote the knowledge of archaeology and history, especially that of Ohio, and to preserve Ohio's archaeological, historical, and scenic heritage.

Membership: Active members, annual dues \$2; Contributing members, \$5; Sustaining members, \$10; Life, \$100; Patron, \$500; Benefactor, \$1,000. Total membership 650.

Meetings: Annual, at Columbus, Ohio, on the first Friday in April.

Library: 40,000 volumes with as many pamphlets and a newspaper collection of approximately 40,000 volumes, and a large collection of historical manuscripts and maps. The library is the depository for the official archives of the Government of Ohio. The emphasis in the

library is placed upon the history of Ohio, the Old Northwest, and the Upper Mississippi Valley region.

Research funds, medals, etc.: Research funds are supplied by state appropriations. A laboratory is maintained for research in archaeology and natural history. The Society has an endowment fund of about \$30,000.

Publications: Publication Series, 1-39, discontinued in 1930. Ohio Historical Collections, issued at convenient intervals, 1-10, 1932-1938, price \$2.50. Ohio State Archaeological and Historical Quarterly, 1-50, 1887-1941, price \$2.50, 75 cents a copy, free to members. Museum Echoes, 1-14, monthly, free to members.

98b. Ohio State Horticultural Society. Horticultural Building, Ohio State University, Columbus, Ohio. **President:** W. W. Ellenwood, Wellston, Ohio. **Secretary:** Frank H. Beach. Officers elected for one year; terms expire January 1, 1942.

History: Organized 1847 as the Ohio Pomological Society; name changed 1867 to present title.

Object: To further educational programs for improving the cultivation and marketing of Ohio-grown fruits.

Membership: Annual members, annual dues \$3; Affiliated, \$2.50; Life, \$25; Institutional, \$25 for fifteen years. Total membership 402.

Meetings: Annual, during the winter, at Columbus. Two or three summer meetings.

Publications: Proceedings, annual, free to members.

98c. Ohio State Medical Association. 1005 Hartman Theatre Building, Columbus, Ohio. **President:** Harry V. Paryzek, 406 Republic Building, Cleveland, Ohio. **Executive Secretary:** Charles S. Nelson. Term of President, elected for one year, expires Spring, 1942; of Secretary, indefinite.

History: Organized May 14, 1846, as the Ohio State Medical Society; incorporated May 6, 1904, under present title. **Sections:** Medical; Surgical; Eye, Ear, Nose, and Throat; Nervous and Mental; Obstetrics and Gynecology; Pediatrics; Public Health and Preventive Medicine.

Object: To promote the science and art of medicine and the protection of public health.

Membership: Members of component societies. Annual dues \$7. Total membership 6,500.

Meetings: Annual, at various places.

Publications: Transactions, 1- , 1846- . Ohio State Medical Journal, monthly, 1-30, 1905-1941, price \$3, free to members and on exchange with other medical publications.

985. Ohio State Pharmaceutical Association, Inc. 30 East Broad Street, Columbus, Ohio. *President:* Paul R. Barnes, 44 East Broad Street, Columbus, Ohio. *Secretary:* Victor L. Keys. Term of President, elected for one year, expires June, 1942; of Secretary, indefinite.

History: Incorporated 1879.

Object: To advance pharmacy and to limit its practice to registered pharmacists.

Membership: Active members, annual dues \$8. Members are required to be registered pharmacists. Total membership 1,000.

Meetings: Annual.

Publications: Bulletin, bimonthly. Year Book, 1880-1913; issued as a section of the Midland Druggist, 1913-1925; of the Ohio Druggist, 1925-1935.

986. Oklahoma Academy of Sciences. *President:* H. I. Featherly, Stillwater, Okla. *Secretary:* Charles A. Whitmer, Faculty Exchange, Norman, Okla. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1943.

History: Organized 1910; reorganized 1925 with the following sections: Biological, Geological, Physical, and Social Sciences.

Object: The development of science in the State of Oklahoma, and the encouragement and publication of scientific research by its members.

Membership: Regular members, entrance fee \$1; Associate; Departmental; Institutional. Annual dues \$1. Total membership 425.

Meetings: Two meetings a year.

Research funds, medals, etc.: Research Award of the Oklahoma Academy of Science, \$50, to aid in the publication of research, particularly as it relates to the problems of the State.

Publications: Proceedings, annual, 1910-1941, price 50 cents, free to members.

987. Oklahoma State Medical Association. 210 Plaza Court, Oklahoma City, Okla. *President:* Finis W. Ewing, Muskogee, Okla. *Executive Secretary:* R. H. Graham. Term of President, elected for one year, expires 1942.

History: Organized 1906. *Sections:* General Surgery; Eye, Ear, Nose, and Throat; Dermatology and Radiology; Urology and Syphilology; General Medicine; Neurology, Psychiatry, and Endocrinology; Pediatrics; Public Health; Obstetrics and Gynecology.

Object: To promote the science and art of medicine.

Membership: Members are required to have the approval of the county medical society, to be

citizens of the United States, to have a M.D. degree, and to be licensed to practice in Oklahoma. Active and Honorary members. Annual dues \$10. Total membership 1,400. Membership list available.

Meetings: Annual.

Publications: Journal of the Oklahoma State Medical Association, monthly, 1-34, 1907-1941, free to members.

988. Optical Society of America, Inc. *President:* A. G. Worthing, University of Pittsburgh, Pittsburgh, Pa. *Secretary:* Arthur C. Hardy, Massachusetts Institute of Technology, Cambridge, Mass. Term of President, elected for two years, expires October, 1943; of Secretary, elected for four years, 1945.

History: Founded 1916; incorporated 1932.

Object: To increase and diffuse the knowledge of optics, to promote the common interests of investigators of optical problems, of designers and users of optical apparatus of all kinds, and to encourage cooperation among them.

Membership: Regular members, annual dues \$7.50; Associate, \$5; Corporation, \$50; Honorary; Emeritus. Total membership 987. List of members available.

Meetings: Annual, in October; usually one special meeting in February.

Research funds, medals, etc.: **FREDERIC IVES MEDAL**, endowed in 1928 by Herbert E. Ives, in honor of his father, Frederic Ives, to be awarded biennially for distinguished work in optics. **ADOLPH LOMB MEDAL**, established in 1930, to be awarded not oftener than once in two years, to a person under thirty years of age who shall have made a noteworthy contribution to optics.

Publications: Journal of the Optical Society, bimonthly, 1-5, 1917-1921; name changed to Journal of the Optical Society and Review of Scientific Instruments, monthly, 6-19, 1922-1929. Divided in 1930 into two journals, with the Society continuing to publish the following: Journal of the Optical Society of America, monthly, 20- , 1930- , price \$6, free to members.

989. Oregon Psychological Association. *Secretary:* L. F. Beck, University of Oregon, Eugene, Oreg.

History: Organized at the University of Oregon in 1936.

Object: To promote a closer union among psychologists and persons interested in academic or applied psychology within the State of Oregon.

Membership: Approximately 60 members.

Meetings: Annual.

990. Oregon State Horticultural Society. *President:* Riddell Lage, Hood River, Ore. *Secretary:* O. T. McWhorter, Corvallis, Ore. Officers elected for one year; terms expire December, 1942.

History: The Multnomah Fruit Growers Society, organized in 1858, was succeeded by the Oregon State Horticultural Society, which was organized in 1885 and incorporated in 1909.

Object: The promotion of the horticultural industry in Oregon.

Membership: Annual members, annual dues \$1; Life, \$10. Total membership about 800. List of members available for \$1.

Meetings: Annual, at place selected.

Publications: Annual Report.

991. Oregon Technical Council. *President:* G. H. Canfield. *Secretary:* C. H. Lundell, 115 City Hall, Portland, Ore. Officers elected for one year; terms expire January, 1942.

History: Organized 1919.

Object: To coordinate the work of the various technical, scientific, and engineering organizations; to promote the welfare and professional standing of their members; and to foster a more general recognition of the engineer and architect in civic matters.

Membership: The charter membership consists of two appointed representatives from each local section of the following national technical societies: The American Society of Civil Engineers, the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, the American Institute of Mining Engineers, and the American Institute of Architects. Annual dues \$10 for each member organization.

Meetings: The second Wednesday of each month, at the University Club in Portland, Ore.

992. Oriental Institute of the University of Chicago. 1155 East 58th Street, Chicago, Ill. *Director:* John Albert Wilson.

History: Organized July 1, 1919, by the late Professor James Henry Breasted. The Society has had as many as twelve simultaneous field expeditions in the Near East; at present there are three: Egypt, Palestine, and Syria. *References:* Breasted, J. H., *The Oriental Institute*, 1933. *Handbook of the Oriental Institute*, 5th edition, 1937.

Object: Research in the beginnings of the human career as illustrated primarily in the Near East.

Membership: Annual members, annual dues \$10; Sustaining, \$50; Associate, \$100; Contributing, \$1,000 or more at one time; Life, \$5,000 or more at one time; Benefactors \$50,000 or more at any time.

Library: 15,000 volumes on the Near East. *Research funds, medals, etc.:* Endowment funds provide approximately \$200,000 a year, of which forty percent is devoted to organization expenses, administration, museum, publication, etc.; and sixty percent to research in the Institute's field.

Publications: Oriental Institute Communications, 1-21, 1922-1941. Oriental Institute Publications, 1-53, 1924-1941. Ancient Records, 1-7, 1906-1927. Studies in Ancient Oriental Civilization, 1-19, 1931-1941. Assyriological Studies, 1-13, 1931-1941. Special Publications, 7 issued, 1933-1940. Handbooks, 1-5, 1927-1941. Members receive publication privileges and discounts.

993. Orleans Parish Medical Society. 1430 Tulane Avenue, New Orleans, La. *President:* Edgar Burns, Ochsner Clinic Building, New Orleans, La. *Secretary:* Edwin L. Zander, 1343 Annunciation Street, New Orleans, La. Officers elected for one year; terms expire January 1, 1943.

History: Organized April 22, 1878. *Reference:* A. E. Fossier, *History of the Orleans Parish Medical Society*, 1878-1928.

Object: The advancement of the science of medicine and surgery, the establishment and maintenance of a medical and surgical library and museum for the education and advancement of its members, and the encouragement of scientific and philosophical studies.

Membership: Active, Associate, Intern, Honorary, and Inactive members. Annual dues \$12. Total membership 641. List of members available for 20 cents.

Meetings: Executive meetings of the Board of Directors, first Monday of each month. Scientific meetings, regular, the second Monday of each month, except August and September. Scientific meetings, special, the fourth Monday of each month, for the staffs of the Charity Hospital and the U. S. Marine Hospital, the New Orleans Gynecological and Obstetrical Society, and the New Orleans Graduate Medical Assembly. Clinical meetings, one during each quarter, replace the regular scientific meeting.

Library: 25,612 volumes on medicine.

Publications: Bulletin, semimonthly, 1935-1941, free to members.

994. Oyster Institute of North America. 5600 Thirty-second Street, Washington, D. C. *Director:* Lewis Radcliffe.

History: Organized August 5, 1935, by the Oyster Growers and Dealers Association of North America, Inc.

Object: To conduct a program of advertising, publicity, trade promotion, encouragement of scientific research, and cooperation with governmental agencies.

Membership: Growers and packers of oysters, supporting the Institute by contributions on the basis of their volume of sales.

Meetings: Annual, at place selected.

Research funds, medals, etc.: Biological and technological studies are arranged in cooperation with governmental agencies.

Publications: Bulletins, about 3 a month, issued to members. Monthly Bulletin, issued to a selected list.

995. Pacific Coast Entomological Society. California Academy of Sciences, San Francisco, Calif. **President:** H. M. Armitage, State Agricultural Building, San Francisco, Calif. **Secretary:** E. Gorton Linsley, 112 Agriculture Hall, University of California, Berkeley, Calif. Term of President, elected for one year, expires December, 1942.

History: Organized August 15, 1901, as the California Entomological Club; name changed to present title in 1902; incorporated 1940. **Reference:** A History of Entomology, by E. O. Essig, 1931, pages 75-76.

Object: The stimulation of entomological research through social and technical meetings, symposia, and authoritative lectures; the publication of the results of entomological research; the accumulation and recording of historical facts relative to entomology; and the promotion of cooperation among entomologists and scientists throughout the world.

Membership: Regular members, annual dues \$3; Associate, \$2.50; Life, single payment of \$50; Honored. Total membership 135. List of members available for 25 cents.

Meetings: Eight meetings a year, at the California Academy of Sciences; one annual field meeting.

Library: Volumes on entomology deposited with the California Academy of Sciences.

Publications: Proceedings, quarterly, 1901-1932, price \$5, free to members. Since 1932, published in the Pan-Pacific Entomologist, quarterly, 1-17, 1924-1941, price \$2.50, free to members.

996. Pacific Coast Gas Association, Inc. 447 Sutter Street, San Francisco, Calif. **President:** R. S. Fuller, Pacific Gas and Electric Company, San Francisco, Calif. **Secretary and Managing Director:** Clifford Johnstone. Term of President, elected for one year, expires October 1, 1942; of Secretary, indefinite.

History: Organized 1893.

Object: To promote the gas industry.

Membership: Gas companies and manufacturers, annual dues \$25; Individuals, \$5. Total membership 900.

Meetings: Annual, at various places; three spring conferences.

Research funds, medals, etc.: Medals are awarded for papers of high quality, which are presented at the meetings.

Publications: Proceedings, 1893-1940, price \$2, free to members.

997. Pacific Coast Oto-Ophthalmological Society. **President:** Ralph A. Fenton, Portland, Oreg. **Secretary:** C. Allen Dickey, 450 Sutter Street, San Francisco, Calif. Officers elected for one year; terms expire 1942.

History: Organized 1903.

Object: The cultivation and advancement of medical sciences in general, and especially of the branches which pertain to diseases of the eye, ear, nose, and throat.

Membership: Regular, Junior, and Senior members. Entrance fee \$5 to \$10, Annual dues \$5 to \$10. Total membership 400.

Meetings: Annual.

Publications: Transactions, annual, price \$2.50, free to members.

998. Pacific Coast Society of Obstetrics and Gynecology. **President:** T. Floyd Bell, 431 Thirtieth Street, Oakland, Calif. **Secretary:** William Benbow Thompson, 6253 Hollywood Boulevard, Los Angeles, Calif. Officers elected for one year; terms expire December, 1942.

History: Organized November, 1931.

Object: To improve the practice of obstetrics and gynecology.

Membership: Regular members, limited to 60; Senior; Honorary. Entrance fee \$50, annual dues \$25. Total membership 55. List of members available.

Meetings: Annual, at various places on the Pacific Coast.

Publications: Transactions, annual, 1-9, 1931-1941. The Western Journal of Surgery, Obstetrics and Gynecology is the official publication for the Society.

999. Pacific Coast Surgical Association. **President:** Philip K. Gilman. **Secretary:** Frederick Leet Reichert, Stanford Hospital, San Francisco, Calif. Officers elected for one year; terms expire February, 1942.

History: Organized April 11, 1925, in San Francisco.

Object: The advancement of surgery on the Pacific Coast.

Membership: Active, Senior, and Honorary members. Entrance fee \$25, Annual dues \$25. Limited to 60 surgeons who have had ten years' professional work. List of members available.

Meetings: Annual, in various cities on the Pacific Coast.

Publications: Annual papers published in the Journal of Surgery, Obstetrics, and Gynecology.

1000. **Pacific Geographic Society.** 1151 South Broadway, Los Angeles, Calif. *President:* Charles Keyser Edmunds, Claremont, Calif. *Executive Secretary:* Margaret E. Hughes, 8963 Burton Way, Los Angeles, Calif.

History: Incorporated July 19, 1929, under the laws of California, as a non-profit, educational organization.

Object: To disseminate information about the peoples of the Pacific Littoral.

Membership: Annual, 6,500; Founder, 2,500; Benefactor; Life; Sustaining. Annual dues \$3.

Meetings: The Society sponsors a lecture course each year in Pasadena and in Los Angeles.

Library: A general library of 3,000 volumes is maintained.

Publications: Pacific Horizons, issued to members only.

1001. **Pacific Northwest Bird and Mammal Society.** State Museum, Seattle, Wash. *President:* Jay A. Kempkes, 105 Anderson Hall, University of Washington, Seattle, Wash. *Secretary:* Victor B. Scheffer, 105 Anderson Hall, University of Washington, Seattle, Wash. Officers elected for one year; terms expire December, 1942.

History: Organized January 7, 1920, at the University of Washington.

Object: To encourage the study, chiefly in the field, of birds and mammals of the Pacific Northwest.

Membership: Active and Associate members; annual dues \$2. Total membership 210. List of members in the Murrelet, price 50 cents.

Meetings: Monthly, except during the summer.

Publications: Murrelet, 3 times a year, 1-21, price \$1.50, free to members.

1002. **Pacific Northwest Medical Association.** *President:* Matthew Riddle, Medical Arts Building, Portland, Oreg. *Secretary:* Clyde W. Countryman, Paulsen Medical and Dental Building, Spokane, Wash. Term of President, elected for one year, expires July 1, 1942; of Secretary, elected for five years, 1946.

History: Organized 1922.

Object: To foster postgraduate medical education.

Membership: Members must belong to a local medical society. Annual dues \$12. Total membership 375.

Meetings: Annual.

Publications: Papers are published in Northwest Medicine and the Western Journal of Surgery, Obstetrics, and Gynecology.

1003. **Pacific Railway Club.** *President:* Leonard V. Newton, 58 Sutter Street, San Fran-

cisco, Calif. *Executive Secretary:* William S. Wollner, P. O. Box 3275, San Francisco, Calif. Term of President expires March, 1942.

History: Organized March 1, 1917.

Object: The advancement of the science of railroading, and of the best interests of the rail-road profession.

Membership: Active and Associate members. Annual dues \$3. Total membership 600.

Meetings: Monthly, alternately in San Francisco and Los Angeles, occasionally in Sacramento, Salt Lake City, and elsewhere.

Publications: Proceedings, 1- , 1917- , price \$3, free to members and on exchange.

Pack Forestry Foundation. See Charles Lathrop Pack Forestry Foundation.

1004. **Paleontological Research Institution.** 126 Kelvin Place, Ithaca, N. Y. *President:* John P. Young, 205 Devon Road, Ithaca, N. Y. *Secretary:* Rebecca S. Harris. Officers elected for one year; terms expire October, 1942.

History: A provisional charter was granted by the Board of Regents of the University of the State of New York, October 12, 1933; a permanent charter was granted by the same body, November, 1937. *Reference:* Science, 79: 380-381, 1934.

Object: To promote research and interest in paleontology by means of a laboratory. Three ideas underlie its establishment: to prevent the labor and valuable acquisitions of each generation from being wasted or lost, to furnish temporary working facilities for paleontological students home from abroad or not connected with regular university or museum organizations, and to serve as a regional center where local young students may see actual investigation going on and perhaps, thereby, become interested in this branch of science.

Membership: Annual dues \$5. Total membership 38.

Meetings: Two meetings a year, with special meetings called as required.

Library: Approximately 7,000 volumes on paleontology, geology, and biology.

Publications: Bulletins of American Paleontology, 1-26, 1896-1941, price varies, free to members. Palaeontographica Americana, irregular, 1-2, 1916-1941, price varies. Both series were originally published by the Harris Publishing Company.

1005. **Paleontological Society.** *President:* Elias H. Sellards, University of Texas, Austin, Tex. *Secretary:* H. E. Vokes, American Museum of Natural History, 79th Street and Central Park West, New York, N. Y.

Officers elected for one year; terms expire December, 1942.

History: Organized December 30, 1908; first annual meeting held December 29, 1909, at Harvard University. **Section:** Cordilleran.

Object: The promotion of the science of paleontology.

Membership: Members, Fellows, Correspondents, and Patrons. Annual dues \$5. Total membership 467. List of members in the *Journal of Paleontology*, May, 1941, price \$1.

Meetings: Annual, with the Geological Society of America.

Publications: *Journal of Paleontology*, 6 numbers a year, 1-15, 1927-1941, price \$6, included in dues of members. Published in cooperation with the Society of Economic Paleontologists and Mineralogists.

1006. Park Museum. Roger Williams Park, Providence, R. I. **Director:** William Letchworth Bryant.

History: Organized 1895 as a municipal museum under the control of a board of Park Commissioners.

Object: To further education in natural history.

Library: 5,000 volumes on science.

Research funds, medals, etc.: Research is conducted on Paleozoic vertebrates.

Publications: Monographs, 1-17, 1904-1907. *Apteryx*, quarterly, vol. 1, nos. 1-3, 1905. *Bulletin*, bimonthly, 1909-1923. *Roger Williams Naturalist*, quarterly, April 1929-October, 1931. Publications are temporarily discontinued.

1007. Pasteur Society of Central California. **President:** Hugh S. Cameron, University of California, Davis, Calif. **Secretary:** Rosalie J. Silverberg, Stanford University Medical School, San Francisco, Calif. Officers elected for one year; terms expire May, 1942.

History: Founded September 28, 1922, as the Golden Gate Branch of the Society of American Bacteriologists. Officially voted out of existence March 27, 1928, when the present autonomous organization was founded.

Object: To hold periodic meetings for the discussion of bacteriology or related subjects.

Membership: Annual dues \$1. Total membership 216.

Meetings: Four meetings a year, in the San Francisco Bay Region.

1008. Pathological Society of Philadelphia. College of Physicians, Philadelphia, Pa. **President:** R. P. Custer, Presbyterian Hospital, Philadelphia, Pa. **Secretary:** Herbert L. Ratcliffe, University of Pennsylvania, Philadelphia, Pa. Officers elected for two years; terms expire January, 1944.

History: Founded 1857.

Object: To cultivate an interest in the promotion and study of pathology.

Membership: Active members, 147, annual dues \$4; Non-resident, 32, \$1.50; Life, 118; Corresponding, 22. Those who have been active members for twenty-five years become Life members and are exempt from further dues. List of members available for \$1.50.

Meetings: Monthly, the second Thursday, October to May, at the College of Physicians.

Research funds, medals, etc.: WILLIAM WOOD GERHARD GOLD MEDAL, capital about \$3,000, awarded for medical research.

Publications: *Transactions*, 1-18, 1857-1897. *Proceedings*, yearly, n. s. 1-32, 1897-1937, price \$1.50, free to members and on exchange; vol. 33 to appear in the near future.

1009. Peninsula Horticultural Society. **President:** William H. Richter, Dover, Del. **Secretary:** T. F. Manns, Newark, Del. Officers elected for one year; terms expire January 1, 1943.

History: Organized October 21, 1886.

Object: To promote interest in horticulture and forestry.

Membership: Active and Honorary members. No annual dues. Total membership, about 600.

Meetings: Annual, alternating between Maryland and Delaware.

Research funds, medals, etc.: Prizes are awarded for horticultural progress.

Publications: *Transactions*, annual, 1-54, 1886-1941, price \$1, free to members.

1010. Pennsylvania Academy of Science. **President:** E. A. Vuilleumier, Dickinson College, Carlisle, Pa. **Secretary:** V. Earl Light, Lebanon Valley College, Annville, Pa. Officers elected for one year; terms expire 1942.

History: Organized April 18, 1924.

Object: The furtherance of the scientific interests of Pennsylvania.

Membership: Active, Associate, Non-resident, Institutional, and Honorary members; annual dues \$2. Student members, annual dues \$1; Cooperative members, \$4 to \$50. Total membership 504.

Meetings: Two meetings a year, one in the spring, at some educational institution, and one in the summer, as a field trip.

Research funds, medals, etc.: \$100, given by the American Association for the Advancement of Science.

Publications: *Proceedings*, annual, 1-17, 1924-1941, price \$1, free to members.

1011. Pennsylvania Association of Clinical Psychologists. **President:** Robert A. Brotemarkle, University of Pennsylvania, Philadelphia, Pa. **Secretary:** William R. Grove,

University of Pittsburgh, Pittsburgh, Pa. Officers elected for one year; terms expire April 27, 1942.

History: Organized March 30, 1934, at Harrisburg, Pa.

Object: To establish and maintain professional standards and practice, and to stimulate research in clinical psychology.

Membership: Members, entrance fee \$2, annual dues \$2; Associates, \$1, \$1. Total membership 102. List of members available.

Meetings: Annual, at Harrisburg, Pa.

Publications: News Letter, quarterly, 1-3, 1936-1941, free to members.

1012. Pennsylvania Forestry Association. 1008 Commercial Trust Building, Philadelphia, Pa. *President:* Wilbur K. Thomas. *Secretary:* H. Gleason Mattoon. Term of President, elected for one year, expires January 30, 1943.

History: Organized 1886; incorporated 1887.

Object: To disseminate information to encourage the growth, protection, and utilization of forests.

Membership: Annual dues \$3. Total membership 960.

Meetings: Two meetings a year.

Library: 1,000 volumes on forestry.

Publications: Forest Leaves, bimonthly, price \$1, free to members.

1013. Pennsylvania Grade Crude Oil Association. Oil City, Pa. *President:* P. L. Melvin, Hooker-Fulton Building, Bradford, Pa. *Executive Manager:* J. E. Moorhead, 501 Oil City National Bank Building, Oil City, Pa. Officers elected for one year; terms expire June, 1942.

History: Organized 1923.

Object: The promotion of Pennsylvania grade crude oil, the protection of consumers, and the technical improvement of products.

Membership: Refiners, 27; Producers, 300; Marketers, 385. Annual dues one cent per barrel produced or refined.

Meetings: Annual, at Bradford, Pa.

Research funds, medals, etc.: Research is carried on in production and refinery practices, identification procedures, etc. Funds of \$40,000 are available for research. A laboratory is maintained at the Pennsylvania State College.

Publications: Penn Grade Bulletin, monthly, free.

1014. Pennsylvania Horticultural Society. 1600 Arch Street, Philadelphia, Pa. *President:* C. Frederick C. Stout. *Secretary:* John C. Wister. Officers elected for one year; terms expire December 31, 1942.

History: Organized November 24, 1827. *Reference:* The Pennsylvania Horticultural Society, 1827-1927.

Object: To promote and encourage horticulture, and to create an interest in plants and flowers.

Membership: Annual, Life, Sustaining members; Benefactors, and Patrons. Annual dues \$3. Total membership 4,200.

Meetings: Annual, at Society headquarters. Lectures, flower shows, etc., are held frequently.

Library: Over 5,000 volumes on botany, horticulture, and kindred subjects.

Research funds, medals, etc.: Medals, certificates, and cash prizes are given at flower shows, and for gardens.

Publications: Horticulture, semimonthly, 1-19, 1922-1941, price \$1, free to members. Yearbook, free to members.

1015. Pennsylvania Public Health Association. *President:* A. Parker Hitchens, Medical School, University of Pennsylvania, Philadelphia, Pa. *Secretary:* C. E. Houston, City Building, Washington, Pa. Officers elected for one year; terms expire June 1, 1942.

History: Organized February 7, 1925.

Object: The promotion of public health in Pennsylvania.

Membership: Individual members, entrance fee \$1, annual dues \$1; Organization members, annual dues \$5. Total membership 428.

Meetings: Annual, at Pittsburgh. Executive meetings at the call of the President.

1016. Pennsylvania Society of Professional Engineers. 29 South Third Street, Harrisburg, Pa. *President:* Ritchie Lawrie, Jr., 111 South Front Street, Harrisburg, Pa. *Executive Secretary:* Russell S. Conrad. Term of President, elected for one year, expires January, 1943; Secretary appointed annually.

History: Organized 1933; incorporated April 4, 1934.

Object: The professional and social advancement of the engineer.

Membership: Members, registered professional engineers in Pennsylvania, annual dues \$10. Total membership 749. List of members available.

Meetings: Annual.

Publications: Pennsylvania Architect and Engineer, monthly, 1-2, 1940-1941, free to members.

1017. Personnel Research Federation, Inc. 60 East 42nd Street, New York, N. Y. *President:* C. G. Stoll, 195 Broadway, New York, N. Y. *Secretary:* W. A. Griffin, 195 Broad-

way, New York, N. Y. Terms expire September, 1942. *Director:* Charles S. Slocombe.

History: A preliminary conference was held at the National Research Council in Washington, D. C., November 12, 1920; the Federation was organized at the second conference, held March 15, 1921. *Reference:* The Personnel Research Federation, Service Bulletin 2, no. 2, October 1, 1926.

Object: To aid in the cooperative solution of problems of personnel, to create a clearing house for information about personnel research, to formulate a comprehensive plan by which research activities may be developed and duplication of effort avoided, to aid the organization and the conduct of selected researches, and to publish and circulate information about personnel research.

Membership: Corporate, \$100 minimum; Subscribing, \$5; Sustaining, at least \$250.

Meetings: Annual, the second Saturday in October, at headquarters.

Research funds, medals, etc.: The Federation maintains a fund for research.

Publications: Journal, monthly, except July and August, 1-19, 1922-1941, price \$5, free to members.

1018. **Petrologists' Club.** Geophysical Laboratory, Carnegie Institution of Washington, Washington, D. C. *Secretary:* E. F. Osborn. Elected for three years; term expires 1943.

History: Organized 1910 as the Petrographic Club; name changed March 15, 1910, to present title.

Object: To foster the study of petrology and to provide a forum for the informal discussion of petrological problems.

Membership: Annual dues 50 cents. Total membership averages about 100.

Meetings: Four or five meetings from November to May, as decided by the steering committee, are held at the Geophysical Laboratory. One scheduled field trip each spring.

1019. **Phi Beta Kappa.** 12 East 44th Street, New York, N. Y. *President:* Marjorie H. Nicolson, Smith College, Northampton, Mass. *Secretary:* William A. Shimer. Term of President, elected for three years, expires 1943.

History: Organized December 5, 1776, at the College of William and Mary, Williamsburg, Va., with the principles of fraternity, morality, and literature. Later chapters were established at Harvard, Yale, Dartmouth, Union, and in a few other institutions. In 1881, the Harvard Chapter issued an invitation to all existing chapters to meet for the purpose of adopting a common constitution. A conference was

held in Cambridge, which authorized the calling of a second convention to establish a national council. In 1883, the third national meeting announced the ratification of the general constitution by sixteen chapters and resolved itself into the first national council of the United Chapters of Phi Beta Kappa. *Districts:* New England, Middle Atlantic, South Atlantic, East Central, North Central, South Central, and Western. *Reference:* Phi Beta Kappa Directory, 1941.

Object: To recognize and encourage scholarship, friendship, and cultural interests.

Membership: Based on broad cultural interests and scholarly achievements in the liberal arts and sciences. Members-in-course, annual dues \$2; Alumni and Honorary members, annual dues \$10. Total membership 89,000. List of members available, regular edition \$6, deluxe edition \$10.

Meetings: The Council meets every three years. Chapters and associations hold annual meetings or a series of meetings each year.

Research funds, medals, etc.: One fellowship is open to women for advanced study in fields of Greek or French.

Publications: Key Reporter, quarterly, 1-6, 1936-1941, free to members. American Scholar, quarterly, 1-10, 1932-1941, price \$2. Phi Beta Kappa Bulletin, 3 issues a year, 1-4, 1937-1941, free to chapter and association officers.

1020. **Phi Delta Kappa.** 2034 Ridge Road, Homewood, Ill. *President:* Ira M. Kline, Bureau of Appointments, New York University, New York, N. Y. *Executive Secretary:* Paul M. Cook. Term of President, elected for two years, expires 1942; of Secretary, appointed for two years, 1942.

History: Formed by the amalgamation on March 1, 1910, of Pi Kappa Mu, which was organized January 24, 1906, at Indiana University, Phi Delta Kappa, organized May 13, 1908, at Columbia University, and Nu Rho Beta, organized February 23, 1909, at the University of Missouri.

Object: To promote free public education as an essential to the development and maintenance of a democracy, through the continuing interpretation of the ideals of research, service, and leadership.

Membership: Members must have a scholastic record which is above average, and be committed to education as a life career. Entrance fee \$7.50, annual dues \$1.50. Above fees are national, additional local fees are levied. Total membership, approximately 29,000. List of members available for \$2.40.

Meetings: National Council meetings, biennial, in Chicago.

Library: 150 books and 1,000 pamphlets.

Publications: Phi Delta Kappan, monthly from September to May, 1-23, 1915-1941, price \$1.50, free to members. Education Abstracts, monthly except August, 1-6, 1936-1941, price \$4, \$3 to members.

1021. Phi Lambda Upsilon Honorary Chemical Society, Inc. *President:* W. M. Sandstrom, University Farm, St. Paul, Minn. *Secretary:* C. S. Carlson, University of Pennsylvania, Philadelphia, Pa. Officers elected for three years; terms expire December, 1944.

History: Organized March, 1899, at the University of Illinois.

Object: To promote high scholarship and original investigation in all branches of pure and applied chemistry.

Membership: Active members, scholarship average of 80 percent or more; Associate; Honorary. Entrance fee \$6.50. Total membership 11,048. List of members available.

Meetings: Triennial.

Research funds, medals, etc.: A loan fund is maintained for worthy students, in need, to complete their college education. The interest rate is four percent and a co-signer or life insurance is required for security.

Publications: Phi Lambda Upsilon Register, 4 issues a year, 1-26, 1909-1941, price \$1 a year; active initiates receive the Register for two years free.

1022. Phi Sigma Society. *President:* P. A. Warren, 55 Whitney Road, Medford, Mass. *Secretary:* A. I. Ortenburger, University of Oklahoma, Norman, Okla. Term of President, elected for three years, expires December, 1944; of Secretary, elected for four years, July, 1943.

History: Organized March 17, 1915, at Ohio State University, as the Phi Sigma Honorary Biological Society; name changed April, 1925, to present title.

Object: To promote interest in research in the biological sciences.

Membership: Active members, entrance fee \$5; Faculty, \$3; Honorary; Alumni. Total membership 11,000. List of members available for 50 cents.

Meetings: Biennial, with the American Association for the Advancement of Science.

Research funds, medals, etc.: Some individual chapters have established grants. A scholarship medal is awarded each year to the outstanding student in biology at each institution where there is a chapter.

Publications: Biologist, quarterly, 1-22, 1915-1941, price \$1, free to members.

1023. Philadelphia Academy of Surgery. College of Physicians, 19 South 22nd Street, Philadelphia, Pa. *President:* Eldridge L.

Eliason, 326 South 19th Street, Philadelphia, Pa. *Secretary:* John B. Flick, Mermont Plaza, Bryn Mawr, Pa. Officers elected for two years; terms expire 1942.

History: Founded 1879.

Object: The cultivation and improvement of the science and art of surgery, the elevation of the medical profession, the promotion of the public health, and such other matters as may come legitimately within its sphere.

Membership: Senior, 31; Active, 66; Honorary; Non-Resident, Army and Navy. The candidate for admission as an active Fellow must be a graduate of at least ten years' standing from a reputable medical school, practicing his profession in the City of Philadelphia or within thirty miles of the city, and must have earned some reputation in surgery as a practitioner of surgery, a teacher, an author, or an original investigator. Entrance fee \$10; annual dues \$7. List of members available.

Meetings: Monthly, except June, July, August, and September, at Philadelphia.

Library: 2,000 volumes on surgery.

Research funds, medals, etc.: SAMUEL D. GROSS PRIZE, for the stimulation of research in surgery; capital, approximately \$4,000; \$150 a year available.

Publications: Transactions, triennial, free to members.

1024. Philadelphia Botanical Club. Academy of Natural Sciences, Philadelphia, Pa. *President:* Francis W. Pennell, Academy of Natural Sciences, Philadelphia, Pa. *Secretary:* Richard W. Pohl, University of Pennsylvania, Philadelphia, Pa. Officers elected for one year; terms expire December, 1942.

History: Organized December, 1891.

Object: The cultivation of local botany.

Membership: Active members, 85, annual dues \$2; Corresponding, 10; Honorary, 3. List of members available for \$2.

Meetings: Monthly, at the Academy of Natural Sciences, Philadelphia, Pa.

Research funds, medals, etc.: A local herbarium of about 130,000 sheets is maintained.

Publications: Bartonia, annual, 1-20, 1908-1941, price \$1, free to members, price of vols. 1-10, 50 cents a copy.

1025. Philadelphia County Medical Society. 301 South 21st Street, Philadelphia, Pa. *President:* Louis H. Clerf, 1530 Locust Street, Philadelphia, Pa. *Secretary:* Henry G. Munson, 4935 Catharine Street, Philadelphia, Pa. Officers elected for one year; terms expire June 30, 1942.

History: Instituted 1849; incorporated September 27, 1877. There are five branch societies in Philadelphia. *Sections:* Eye; General

and Industrial Surgery; Industrial Health; Endocrinology; Tuberculosis; Internal Medicine; Gastroenterology; Stomatology; Orthopedics.

Object: The advancement of knowledge upon all subjects connected with the healing art, the organization of the medical profession in connection with the Medical Society of the State of Pennsylvania and the American Medical Association, the elevation of the character and protection of the rights and interests of those engaged in the practice of medicine, and the study of the means calculated to render the medical profession most useful to the public.

Membership: Active, Associate, Honorary, Emeritus, Intern, and Life members. Entrance fee \$5; annual dues \$22.50, \$10 of which goes to the state society. Total membership 2,600. List of members available.

Meetings: Monthly, at the Society building. Meetings are also held by the branch societies and sections.

Library: 4,242 books and periodicals on medicine and allied subjects.

Research funds, medals, etc.: POSTGRADUATE INSTITUTE, held at the Bellevue-Stratford Hotel, Philadelphia, for five days each year, devoted to graduate medical education. Approximately eighty lectures and scientific and technical exhibits are featured. STRUTTMATTER AWARD, an engrossed scroll and a gold medal, given each year to a physician, for any distinctive contribution, including preventive or remedial measures, surgical or medical, or one of the fundamental sciences relating to medicine, or any extraordinary and meritorious service redounding to the credit of the medical profession.

Publications: Weekly Roster and Medical Digest, 1-36, 1905-1941, price \$2, free to members.

1026. Philadelphia Geological Society. Academy of Natural Sciences, Philadelphia, Pa. **President:** Lincoln Dryden, Bryn Mawr College, Bryn Mawr, Pa. **Secretary:** John Mason, University of Pennsylvania, Philadelphia, Pa. Term of President, elected for one year, expires October, 1942; of Secretary, indefinite.

History: The Society grew from small informal meetings instituted in 1934 at the University of Pennsylvania. It was organized June, 1938, under the present title. **Reference:** Science News Letter, October 20, 1938.

Object: To promote interest in the study of the earth sciences.

Membership: Open to professionals, students, and amateurs. Senior members, annual dues \$2; Junior, \$1. Total membership, from 65 to 80.

Meetings: Monthly, at the Philadelphia Academy of Natural Sciences,

1027. Philadelphia Mineralogical Society. Academy of Natural Sciences of Philadelphia, Philadelphia, Pa. **President:** W. Hersey Thomas, 145 East Gorgas Lane, Mt. Airy, Philadelphia, Pa. **Secretary:** F. L. Lenker, 75 Hillside Road, Strafford, Pa. Terms expire October, 1942.

History: Organized October 28, 1892, as the Students Mineralogical Club; name changed to the Philadelphia Mineralogical Club, March, 1901; and to the present title in 1917.

Object: The cultivation and study of the science of mineralogy.

Membership: Senior members, 130, entrance fee \$1, annual dues \$1; Junior members, 6, annual dues \$1.

Meetings: Monthly, except July and August, the first Thursday, at the Academy of Natural Sciences.

Publications: Minutes of meetings are published in the American Mineralogist.

1028. Philadelphia Neurological Society. College of Physicians, 19 South 22nd Street, Philadelphia, Pa. **President:** Bernard J. Alpers, 111 North 49th Street, Philadelphia, Pa. **Secretary:** George Gammon, 3400 Spruce Street, Philadelphia, Pa. Officers elected for one year; terms expire February, 1942.

History: Organized 1884.

Object: To promote the study of neurology.

Membership: Active members, 225, annual dues \$5; Corresponding, 25; Honorary, 17.

Meetings: Monthly, on the fourth Friday, October to May inclusive.

Publications: The scientific contributions are published in the Archives of Neurology and Psychiatry.

1029. Philadelphia Roentgen Ray Society, Inc. 19 South 22nd Street, Philadelphia, Pa. **President:** A. M. Sharpe, 708 Sprout Street, Chester, Pa. **Secretary:** Barton R. Young, 3401 North Broad Street, Philadelphia, Pa. Officers elected for one year; terms expire October, 1942.

History: Organized February 2, 1905, as the Roentgen Ray Society of Philadelphia; re-organized October 2, 1924, under present title.

Object: To advance the standards in the science and practice of radiology.

Membership: Members must have formal training in either a graduate school of medicine or in a well-recognized hospital, or ten years of practice in radiology. Annual dues \$7. Total membership 131.

Meetings: Monthly, from October to May.

1030. Philadelphia Society for Promoting Agriculture. 2136 Land Title Building, Phila-

delphia, Pa. *President:* Lester Collins, Moorestown, N. J. *Secretary:* L. Wayne Arny. Officers elected for one year; terms expire 1942.

History: Organized 1785.

Object: The promotion of agriculture.

Membership: Active and Honorary members. Annual dues \$6. Total membership 115.

Meetings: Stated meetings in April and October; informal meetings, usually once a month.

Research funds, medals, etc.: Prizes are given for outstanding achievements in the field of agriculture.

1031. **Philippine Association of Mechanical and Electrical Engineers.** *President:* J. E. H. Stevenot. *Secretary:* Estanislao P. Angeles, P. O. Box 318, Manila, P. I.

History: Founded in 1930.

Object: To promote the practical application and to encourage the study of the science of mechanical and electrical engineering and their allied arts and sciences; to maintain high professional standards among the members, to promote friendly relations among the members and other engineers and allied technologists; and to cooperate with other engineering technical societies or with the agents of the Philippine Government in such endeavors as may enhance the practice of the profession.

Membership: Members and Associates, entrance fee 10 pesos, annual dues 12 pesos; Junior members, 4 pesos, 4 pesos; Industrial members, annual dues 50 pesos; Honorary members. Total membership 186.

Meetings: Annual, in February; quarterly meetings, in June, September, and December; and special meetings as called.

Publications: Industrial Machinery Journal, monthly.

1032. **Philippine Medical Association.** 547 Herran Street, Manila, P. I. *President:* Victorino de Dios, 1894 Juan Luna Street, Tondo, Manila, P. I. *Secretary:* Conrado D. Ayuyao, 1039 Pennsylvania Street, Manila, P. I. Term of President, elected for one year, expires April, 1942; of Secretary, elected for five years, 1946.

History: Organized September 15, 1903; name changed from Philippine Islands Medical Association to present title in 1939. There are 29 component societies. *Sections:* Surgery, Obstetrics, Gynecology, Ophthalmology, and Oto-rhino-laryngology. *References:* The Philippine Islands Medical Association Completes its Twenty-Fourth Year, by Antonio S. Fernando, Journal of the Philippine Islands Medical Association, vol. 7, no. 9, September, 1927. Some of the Important Achievements of the Philippine Medical Association, Proceedings, 1941.

Object: To federate and to bring into one compact organization the entire medical profession of the Philippines and unite with similar associations in the United States to form the American Medical Association; to extend medical knowledge, and to advance medical science; to elevate the standards of medical education, and to secure the enactment and enforcement of just medical laws; to promote friendly intercourse among physicians; to guard and foster the material interests of its members and protect them against imposition; and to enlighten and direct public opinion in regard to the great problems of state medicine, so that the profession shall become more capable and honorable within itself, and more useful to the public in the prevention and cure of diseases, and in prolonging and adding comfort to life.

Membership: Members of the component societies are automatically members of the Philippine Medical Association and the American Medical Association. Active, Associate, and Honorary. Annual dues 6 pesos. List of members available.

Meetings: Annual.

Library: 835 volumes owned by the Association are housed in the Medical Library of the College of Medicine, University of the Philippines, by special arrangement.

Research funds, medals, etc.: GOLD MEDAL, offered yearly to the valedictorian of the graduating classes of the three medical colleges in the Philippines recognized by the Commonwealth Government.

Publications: Journal, bimonthly, 1-4; monthly 5-21, 1921-1941, free to members, \$2.50 domestic, \$3.00 in the United States. Proceedings of the Annual Meetings are published yearly in pamphlet form.

1033. **Philippine Pharmaceutical Association.** *President:* Rosario Garcia Jimeno. *Secretary:* Paulino Taningco, Colegio Medico-Farmacaceutico de Filipinas, 879 Lepanto, Manila, P. I.

History: Organized 1920.

Object: To promote fellowship among its members, to work for the advancement of the pharmaceutical sciences, and to look after the interests of the pharmaceutical profession.

Membership: Members must be bona fide pharmacists. Active, annual dues \$6; Honorary.

Meetings: The Philippine Pharmaceutical Convention is held under the auspices of the Association once every two years.

Library: The library of the Colegio Medico-Farmacaceutico de Filipinas is a joint library of the Philippine Pharmaceutical Association and the Philippine Medical Association. It is now housed in the Scientific Library of the Bureau of Science, Manila.

Publications: Journal of the Philippine Pharmaceutical Association, at first published separately, now merged with the *Revista Filipina de Medicina y Farmacia*.

1034. Philippine Scientific Society. *President:* Hilarion S. Silayan. *Secretary-Treasurer:* Patrocinio Valenzuela, National Research Council of the Philippines, Bureau of Science, Manila, P. I.

History: Organized 1923 in Manila.

Object: The advancement of science and the promotion of scientific research.

Membership: Members, persons interested in the promotion of science and research or engaged in scientific work; Life members; Fellows, members who have achieved distinction in any branch of theoretical or applied science; Honorary.

Meetings: Biennial; annual up to 1933. The first and second Philippine Science Conventions were held in 1932 and 1933 respectively, and later in February, 1935, 1937, and 1939 jointly with the National Research Council of the Philippines.

Publications: Proceedings were first published in the University of the Philippines Natural and Applied Science Bulletin, then in the *Bulletins of the National Research Council of the Philippines*.

1035. Philippine Society of Civil Engineers. *President:* Isaias Fernando, Bureau of Public Works, Manila, P. I. *Secretary:* Gonzalo T. Vales, Mapua Institute of Technology, P. O. Box 1415, 843 Rizal Avenue, Manila, P. I. Officers elected for one year; terms expire July, 1942.

History: Formerly the Philippine Institute of Engineers and Architects. Incorporated on February 25, 1920, and reincorporated on June 10, 1933, when its name was changed to the present title.

Object: The advancement of engineering knowledge and practice, the maintenance of a high professional standard, and the encouragement of professional intercourse with other technical and scientific societies.

Membership: Members, professional civil service engineers with a certificate of the Board of Civil Engineers, twenty-five years of age, in active practice for at least five years, and with responsible charge of engineering work; Associate, professional civil engineers with a certificate of the Board of Examiners for civil engineers, twenty-three years of age, and two years' practice; Honorary, persons of acknowledged eminence in some branch of engineering or the sciences related thereto, or a distinguished person who has rendered some special service to the profession.

Meetings: Annual, in July, in Manila, date and place fixed by the Board of Directors.

Publications: *Philippine Engineering Record*, quarterly, 1-6, 1935-1941, free to members.

1036. Philippine Society of Parasitology. Institute of Hygiene, University of the Philippines, Manila, P. I. *President:* Marcos Tubangui, Bureau of Science, Manila, P. I. *Secretary:* Candido M. Africa.

History: Founded August 20, 1930.

Object: To encourage interest and research in parasitology in the Philippines; and to acquaint the members of the Society by means of informal papers and discussion with the activities of the local workers in parasitology.

Membership: Active members, resident or visiting workers in parasitology; Honorary, those nominated by the Executive Committee from parasitologists in the world at large, limited and conferred only upon exceptional qualifications and prominence in the field of parasitology. Annual dues one peso, collected only when indicated by financial report. Total membership 20.

Meetings: Three or four meetings a year, at the Institute of Hygiene.

Research funds, medals, etc.: Members may apply for grants-in-aid from the National Research Council of the Philippines.

1037. Philippine Veterinary Medical Association. Bureau of Animal Industry Building, Pandacan, Manila, P. I. *President:* Manuel D. Sumulong. *Secretary:* Anacleto B. Coronel. Officers elected for one year; terms expire February, 1942.

History: Founded September 7, 1907.

Object: To promote good fellowship in the profession, to elevate the standard of veterinary education, to cultivate medical science and literature, to enlighten and direct public opinion regarding the problems of veterinary medicine, to protect the material interests of the veterinary profession, and to present to the world its achievements.

Membership: Active members, 221, entrance fee \$1.50, annual dues \$1 domestic, \$2 foreign; Honorary members, 3. List of members available.

Meetings: Annual, in February or October, usually in the assembly hall of the College of Veterinary Science, University of the Philippines, Manila.

Publications: Proceedings and papers are published either in the *Philippine Journal of Animal Industry*, published bimonthly, or in the *Philippine Journal of Science*, published monthly.

1038. Philosophical Society of Washington. Cosmos Club, Washington, D. C. *President:*

W. G. Brombacher, National Bureau of Standards, Washington, D. C. *Corresponding Secretary*: W. Edwards Deming, Bureau of the Census, Washington, D. C. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1943.

History: Organized March 13, 1871; incorporated May 15, 1901. *Reference*: The Philosophical Society Through a Thousand Meetings, by W. J. Humphreys, Journal of the Washington Academy of Sciences, 20: 245-316, 1930.

Object: The promotion of science, the advancement of learning, and the free exchange of views among its members on scientific subjects. The present interests are now chiefly in the physical and mathematical sciences.

Membership: Active, including life members, 315; Absent members 31. Annual dues \$3. Membership list in the Directory of the Washington Academy of Sciences and Affiliated Societies.

Meetings: Alternate Saturdays, October through May, at the Cosmos Club.

Research funds, medals, etc.: An annual lecture is given in honor of Joseph Henry, the first President of the Society.

Publications: Bulletin, 1-15, 1871-1910. Proceedings, Presidential Address, and Joseph Henry Lecture now published in the Journal of the Washington Academy of Sciences and reprints distributed to all active members.

1039. **Physiological Society of Philadelphia.** University of Pennsylvania, School of Medicine, Philadelphia, Pa. *President*: Carl F. Schmidt. *Secretary*: Isaac Starr. Officers elected for one year; terms expire October, 1942.

History: Founded October 10, 1904, as the Society of Normal and Pathological Physiology; present name adopted December 15, 1919.

Object: The encouragement of research in normal and pathological physiology and in subjects relating directly or indirectly thereto.

Membership: Active members, 423, annual dues \$1; members are required to be actively engaged or interested in scientific research which has a direct or indirect bearing on physiology. Honorary members must be nominated by the Council and unanimously elected by the Society.

Meetings: Monthly, the third Tuesday, October to May, at the University of Pennsylvania Medical School.

Publications: Proceedings, 1-16, 1925-1941; published monthly in the American Journal of the Medical Sciences; collected and reprinted annually and distributed free to members.

1040. **Pi Lambda Theta.** *President*: Helen M. Walker, 525 West 120th Street, New York, N. Y. *Secretary*: Helen F. Olson, 3316 East

60th Street, Seattle, Wash. Officers elected for four years; terms expire 1945.

History: Organized 1917; there are fifty-seven chapters. *References*: Pi Lambda Theta Leaflet, 1939. A Quarter of a Century of Pi Lambda Theta, 1935.

Object: To foster professional spirit and the highest standard of scholarship and of professional training; to secure and maintain an abiding interest in educational affairs, and through them in social progress; to encourage graduate work and to stimulate research in the field of education; to promote a spirit of fellowship among women in the profession of teaching; and to formulate a conception of education adapted to women.

Membership: Active, Associate, Honorary, and Field members. Entrance fee, national: \$5; annual dues, national: \$5. Local dues vary with the chapters. Total membership 16,506.

Meetings: Biennial.

Research funds, medals, etc.: There are three awards of \$250 each, to be granted before September, 1943, for significant research studies in education. These awards are from the fund known as the ELLA VICTORIA DOWNS FELLOWSHIP.

Publications: Pi Lambda Theta Journal, quarterly, 1-20, 1922-1941, price \$1, free to members.

1041. **Pittsburgh Dermatological Society.** *President*: M. W. Rubenstein, 3401 Fifth Avenue, Pittsburgh, Pa. *Secretary*: M. F. Pettler, Beaver Falls, Pa. Officers elected for one year; terms expire May 1, 1942.

History: Organized April, 1921.

Object: To promote the knowledge of dermatology.

Membership: Active and Associate members. Annual dues \$5, and expenses prorated.

Meetings: Monthly, at the Falk Clinic.

1042. **Population Association of America, Inc.** *President*: P. K. Whelpton, Miami University, Oxford, Ohio. *Secretary*: Conrad Taeuber, U. S. Department of Agriculture, Washington, D. C. Officers elected for one year; terms expire May, 1942.

History: Founded 1932.

Object: To promote the improvement, advancement, and progress of the human race by means of research with respect to problems connected with human population, in both its quantitative and qualitative aspects, and the dissemination and publication of the results of such research.

Membership: Annual dues \$3. Total membership 325. List of members available.

Meetings: Annual, in May.

Publications: Population Literature, quarterly, 1-2, 1935-1936; continued as Population

Index, quarterly, 1-8, 1937-1941, price \$3, free to members.

1043. Portland Cement Association. 33 West Grand Avenue, Chicago, Ill. *President:* Frank T. Sheets. *Secretary:* William M. Kinney.

History: Organized September 11, 1902, as the Association of American Portland Cement Manufacturers; name changed 1916 to present title.

Object: To improve and extend the uses of concrete.

Membership: Members must be manufacturers of portland cement. Members, Foreign members, Honorary members. Annual dues based on the amount of cement shipped. Total membership 63. List of members available.

Meetings: Semiannual, usually in New York or Chicago.

Library: 7,000 volumes covering cement manufacture and concrete construction. In addition to reference and research work, the library has established a technical file on the subjects of cement and concrete construction which contains over 1,500 entries. Photographs are indexed to show the use of cement and concrete. This file contains 93,887 prints covering 10,318 photographic projects. The card catalog for this photographic bureau contains over 30,000 cards. Over 650 patents on cement and concrete construction are available.

Publications: Architectural Concrete, quarterly. Concrete for Railways, quarterly. Concrete Builder, published about 5 times a year. Concrete Highways and Public Improvements, bimonthly. Accident Prevention Bulletin, quarterly. Reinforced Concrete, quarterly.

1044. Portland Society of Natural History. 22 Elm Street, Portland, Me. *President:* Carl E. Roberts, 1 Roberts Lane, Cape Elizabeth, Me. *Secretary:* Charles B. Fobes, 1491 Forest Avenue, Portland, Me. Officers elected for two years; terms expire December, 1943.

History: Organized November 24, 1843. *References:* Proceedings, 1: 183-209. Bulletin of the Buffalo Society of Natural Science, 10: 99-100.

Object: To promote the study of natural history, and to furnish the necessary facilities for its pursuit.

Membership: Active, Associate, Corresponding, and Honorary members, and Patrons. Annual dues \$2.

Publications: Proceedings, 1-5, 1862-1941, free to members.

1045. Potato Association of America. *President:* F. J. Stevenson, U. S. Department of Agriculture, Beltsville, Md. *Secretary:* William H. Martin, College of Agriculture,

New Brunswick, N. J. Officers elected for one year; terms expire December, 1942.

History: Organized 1912 as the National Potato Association; present name adopted 1915.

Object: To promote investigations on the potato and to further the potato industry.

Membership: Active members, 1,500, annual dues \$2.

Meetings: Annual, at the call of the President.

Publications: American Potato Journal, monthly, 1- , 1923- , price \$2, free to members.

1046. Poultry Science Association. Macdonald College, Quebec, Canada. *President:* D. C. Warren, Poultry Department, Kansas State College, Manhattan, Kans. *Secretary:* W. A. Maw. Term of President, elected for one year, expires August, 1942; of Secretary, indefinite.

History: Organized 1908 as the International Association of Instructors and Investigators in Poultry Husbandry; name changed 1912 to American Association of Instructors and Investigators in Poultry Husbandry; in 1926 to present title.

Object: The advancement of poultry husbandry throughout the United States and the Dominion of Canada, especially as it relates to the professions of research and teaching.

Membership: Active members shall be college graduates engaged in instruction, investigation, or extension work in the poultry industry, regularly employed by an educational or research institution or a state (or province) or federal governmental department. Associate members shall be persons not otherwise eligible, but whose contributions to knowledge in the poultry industry, as revealed by records of services, are such as to make them desirable members of the Association. Student members shall be students of an agricultural college, or university where agriculture or allied scientific courses are given, who have entered the third year of their undergraduate course, or are graduate students, not on appointment, specializing in courses in or allied to poultry husbandry. Honorary members shall be persons whom the Executive Committee on occasion may recommend to the membership for election to Honorary membership, as individuals who have made a special contribution to the advancement of the welfare of the Association. Entrance fee \$5, annual dues \$4. Total membership 540. List of members available.

Meetings: Annual, at some agricultural college.

Research funds, medals, etc.: POULTRY SCIENCE RESEARCH PRIZE, awarded to the Active member of the Association who, in the preceding year, has published the most outstanding piece of

research. **EXTENSION AND RESIDENT TEACHING PRIZE**, given for the encouragement of teaching methods and contributions to the field of teaching. **BORDEN AWARD**, granted for a period of five years, commencing with the year 1938, by the Borden Company of New York City, is an annual award of one thousand dollars, accompanied by a gold medal, for distinctive contributions to poultry science advancement covering a period of not more than seven years preceding the annual award. An annual contribution of fifty dollars is made to Biological Abstracts.

Publications: Proceedings, 1908-1913. Journal of the American Association of Instructors and Investigators in Poultry Husbandry, 1-7, 1914-1921. Poultry Science, bimonthly, 1-20, 1921-1941, price \$4, free to members.

1047. Professional Engineers of Oregon. *President:* Charles B. Carpenter, 730 S.W. Oak Street, Portland, Ore. *Secretary:* Howard P. Beckendorf, 730 S. W. Oak Street, Portland, Ore. Officers elected for one year; terms expire January, 1943.

History: Organized 1929.

Object: The advancement of engineering, the promotion of the best interests of the public in its relations with the engineering profession, the professional improvement of members, the encouragement of social intercourse, and the maintenance of a code of professional conduct.

Membership: Corporate and Associate members. Annual dues \$2. Total membership 222.

Meetings: An informal luncheon meeting is held the first and third Wednesdays of each month, except during the summer months; evening meetings are held quarterly.

1048. Providence Engineering Society. 195 Angell Street, Providence, R. I. *President:* Evert W. Freeman, Box 1385, Providence, R. I. *Secretary:* William R. Benford, Brown University, Providence, R. I. Officers elected for one year; terms expire June 30, 1942.

History: Organized 1894 as the Providence Association of Mechanical Engineers. Present name adopted 1916. **Sections:** Machine Shop, Management, Power, Design and Drafting, Municipal, Aviation.

Object: To promote the arts and sciences connected with the various branches of engineering, to encourage friendly intercourse of engineers, and to cooperate with others in matters of an engineering nature which affect the public welfare.

Membership: Senior members, entrance fee \$4, annual dues \$6; Associate, \$4, \$6; Junior, \$3, \$3; Honorary. Non-resident members pay half these amounts. Total membership 750. List of members available.

Meetings: Monthly, except June to September.

Library: 1,500 volumes on civil, electrical, and mechanical engineering.

Research funds, medals, etc.: KATE GLEASON MEMORIAL FUND, to purchase current engineering periodicals, preferably mechanical engineering; income from \$1,000 available.

Publications: Engineering, weekly, October to May inclusive, 1- , 1925- , price 75 cents free to members.

1049. Psychological Corporation. 522 Fifth Avenue, New York, N. Y. *President:* Walter R. Miles, Yale University, New Haven, Conn. *Secretary:* Albert D. Freiberg. Officers elected for one year; terms expire November, 1942.

History: Chartered April 28, 1921, by the State of New York. **References:** Annals of the American Academy of Political and Social Science, November, 1923. American Journal of Psychology, November, 1937.

Object: The advancement of psychology, and the promotion of the useful applications of psychology.

Library: 600 volumes on the applications of psychology.

Research funds, medals, etc.: All profit that accrues from the work of the Corporation must be used for psychological research.

Publications: The Corporation cooperates in the publication of the Journal of Applied Psychology.

1050. Psychologists' League. *President:* Samuel Goldberg, 189 East 18th Street, Brooklyn, N. Y. *Secretary:* June Harris, 157 West 72nd Street, New York, N. Y. Officers elected for one year; terms expire September, 1941.

History: Organized 1934.

Object: The application of psychology to the problems of the social, economic, and political life of the times.

Membership: Members are required to have a M.A. degree or its equivalent in psychology, with intent to practice professionally in the field of psychology. Annual dues \$2 if employed, \$1 if unemployed. Total membership 225. List of members available.

Meetings: Four meetings a year, at various places.

Publications: Psychologists' League Journal, issued 2 to 5 times a year, 1-4, 1938-1941, price \$1 a year, 25 cents a copy, free to members.

1051. Psychometric Society. *President:* A. P. Horst, Procter and Gamble, Cincinnati, Ohio. *Secretary:* Harold A. Edgerton, Ohio State University, Columbus, Ohio. Term of President, elected for one year, expires Septem-

ber, 1942; of Secretary, elected for three years, September, 1942.

History: The Society was formed in 1934, and affiliated with the American Psychological Association in 1935, and with the American Association for the Advancement of Science in 1937.

Object: To promote the development of psychology as a quantitative rational science. This concept of quantification involves the formulation of hypotheses in mathematical form, their development into a consistent quantitative psychological theory, and quantitative tests of the agreement between theory and experimental data.

Membership: Members, annual dues \$5; Student members, \$3. Total membership 228.

Meetings: Annual, with the American Psychological Association.

Publications: *Psychometrika*, 6 issues annually, 1-6, 1936-1941, price \$5, free to members.

1052. Public Health Association of New York City. 386 Fourth Avenue, New York, N. Y. *President:* Arthur I. Blau, Red Hook-Gowanus Health Center, 250 Baltic Street, Brooklyn, N. Y. *Secretary:* Frank Kiernan. Officers elected for one year; terms expire May, 1942.

History: A local affiliate of the American Public Health Association; organized May 18, 1936.

Object: To provide a forum for discussion of public health problems and the new advances in medical and sanitary science.

Membership: Open to all persons in the vicinity who are interested in public health. Annual dues \$1. Total membership 300.

Meetings: Bimonthly, from November to May, usually at the Russell Sage Building, 130 East 22nd Street, New York City.

1053. Public Health Federation. 312 West Ninth Street, Cincinnati, Ohio. *President:* William S. Groom, 34 West Sixth Street, Cincinnati, Ohio. *Secretary:* Bleeker Marquette. Term of President, elected for one year, expires December, 1942.

History: Organized 1917. *Councils:* Cancer Control, Child Hygiene, Clinics and Dispensaries, Diabetes, Health Education, Heart, Housing, Mental Hygiene, Mouth Hygiene, Nursing, Social Hygiene, Tuberculosis.

Object: To coordinate public health work, and to promote education and research in health.

Membership: Public and private health agencies. Total membership, delegates from 75 agencies.

Meetings: Annual, at Cincinnati; Coordinating Committee meetings, monthly.

Library: A library on general health is maintained.

Publications: Annual Report, 1917-1941.

1054. Puerto Rico Medical Association. Fernandez Juncos Avenue, Stop 19, Santurce, P. R. *President:* Manuel de la Pila, Ponce, P. R. *Secretary:* Ezequiel Martinez Rivera, Floral Park, Hato-Rey, P. R. Officers elected for one year; terms expire December, 1942.

History: Organized 1902. The Association is divided into seven district societies.

Object: To foster fellowship among the members, and to promote scientific study in the medical profession.

Membership: Annual dues \$12. Total membership 385. List of members available.

Meetings: Annual; monthly scientific meetings are held. The District Societies hold an annual scientific meeting.

Library: 5,000 volumes on medicine.

Publications: *Boletin de la Asociacion Medica de Puerto Rico*, monthly, 1-33, 1903-1941, price \$3, free to members.

1055. Puget Sound Entomological Society. *President:* Melville H. Hatch, University of Washington, Seattle, Wash. *Secretary:* E. P. Breakey, Western Washington Experiment Station, Puyallup, Wash. Officers elected for one year, terms expire March, 1942.

History: Organized March, 1939. *Reference:* *Entomological News*, 1:179-180, 1939.

Object: To promote the study of insects, arachnids, and terrestrial arthropods in western Washington, and the mutual welfare of the members through the exchange of ideas at meetings and field trips.

Membership: Annual dues \$1. Total membership 40.

Meetings: Two meetings a year.

1056. Radio Club of America, Inc. 11 West 42nd Street, New York, N. Y. *President:* Paul Ware, 3 Bradley Terrace, West Orange, N. J. *Secretary:* O. J. Morelock, Weston Electrical Instrument Corporation, Newark, N. J. Officers elected for one year; terms expire January, 1943.

History: Organized January 2, 1900, as the Junior Wireless Club, Ltd.; name changed in 1911 to present title.

Object: The protection of the interests of radio amateurs, experimenters, etc., and the dissemination of scientific information concerning radio art and its current development.

Membership: Members, entrance fee \$1, annual dues \$3; Fellows, \$5; Honorary. Total membership, approximately 300. List of members in Yearbook.

Meetings: Monthly, except July and August, at Columbia University, New York City.

Research funds, medals, etc.: ARMSTRONG MEDAL, awarded by the Board of Directors to any member, who, in their opinion, shall have made, within the spirit of the Club, an important contribution to radio art and science.

Publications: Proceedings, monthly, except July and August. Yearbook.

1057. Radiological Society of North America.

President: Leon J. Menville, New Orleans, La. *Secretary:* Donald S. Childs, 607 Medical Arts Building, Syracuse, N. Y. Officers elected for one year; terms expire December, 1942.

History: Organized December 15, 1915, as the Western Roentgen Society; present name adopted November, 1918.

Object: The study and practical application of radiology, radium, electricity, and other branches of physics which are associated directly or indirectly with medical science.

Membership: Active members; Members Elect; Associate, Corresponding, and Honorary members. Entrance fee \$25, annual dues \$15. Requirements: Active members shall be graduates in good standing of recognized medical colleges, practicing radiologists who have practiced radiology in North America for at least three years after graduation and immediately preceding their application; Members Elect shall possess the same qualifications for membership as active members, except that only one year prior to their application need be devoted to radiology; Honorary members shall have distinguished themselves by personal sacrifice or research; Associate members shall be those who have especially distinguished themselves in some division of science closely related to radiology; Corresponding members shall be residents of foreign countries who will contribute to the objects of the Society. Total membership 1,342.

Meetings: Annual, at different places.

Library: A library of scientific volumes is maintained.

Research funds, medals, etc.: The Memorial Fund of the Radiological Society of North America is available for research.

Publications: Radiology, monthly, 1-37, 1923-1941, 2 volumes a year, price \$6 domestic, \$7 foreign, included in dues of members.

1058. Raleigh Engineers Club. *President:* D. S. Abell, State Board of Health, Raleigh, N. C. *Secretary:* John W. Hunter, Carolina Power and Light Company, Raleigh, N. C. Officers elected for one year; terms expire March, 1942.

History: Organized 1920.

Object: Professional development and social intercourse.

Membership: The requirements for membership are an engineering degree, an engineering license, or five years of engineering experience. Entrance fee \$1, annual dues \$1. Total membership 161.

Meetings: Monthly, at Raleigh.

1059. Reptile Study Society of America, Inc. *President and Director:* Nellie Louise Condon, 536 East 84th Street, New York, N. Y.

History: Organized May, 1916.

Object: To study and disseminate information concerning reptiles.

Membership: Annual members, entrance fee \$1, annual dues \$1; Sustaining members, \$1, \$10; Life members, \$1, \$50. Total membership 60.

Meetings: Irregular.

Research funds, medals, etc.: A gold medal is awarded for achievement in herpetology.

Publications: News Letter, irregular.

1060. Research Council on Human Reproduction, Inc. 2 East 103rd Street, New York, N. Y. *Executive Director:* Clair E. Folsome.

History: Organized 1923; incorporated 1930. Name changed from National Committee on Maternal Health, Inc., to present title in 1941.

Object: The stimulation and sponsorship of research into obscure and neglected aspects in the field of human reproduction.

Meetings: Ten meetings are held each year in the New York Academy of Medicine.

Library: 400 volumes on human reproduction.

Research funds, medals, etc.: Funds are available for research.

1061. Research Council on Problems of Alcohol. *Director:* Harry H. Moore, Bronxville, N. Y. *Chairman, Scientific Committee:* Karl M. Bowman, Bellevue Hospital, New York, N. Y.

History: Organized June, 1937; incorporated January, 1938.

Object: To conduct an unbiased study of the relation of alcohol to the health of the individual and the welfare of society, and to disseminate the results of this study in a socially useful manner.

Membership: Regular members, annual dues \$5; Contributing, \$10; Supporting, \$25; Sustaining, \$50; Patron, \$100 or more; Life, payment of \$1,000 or more. Total membership 335.

Meetings: Annual, usually in New York City.

Research funds, medals, etc.: Grants are made to universities for research relating to the problems of alcohol.

Publications: Quarterly Journal of Studies on Alcohol, 1-2, 1940-1941, price \$3, free to members.

1062. Research Institute of Cutaneous Medicine. 2101 Pine Street, Philadelphia, Pa. *Director:* John A. Kolmer. *Secretary:* Carroll Wright, 1402 Spruce Street, Philadelphia, Pa. Director appointed for life; Secretary, for an indefinite period.

History: The Institute had its origin in 1912 through the generosity of a philanthropic citizen of Philadelphia who financed its scientific work for a period of four years. It was housed at first in the laboratories of the Polyclinic Hospital and called the Dermatological Research Laboratories. On March 3, 1921, the name was changed to the Dermatological Research Institute, and in 1922 to the present name, at which time it moved to its permanent quarters. The funds which had been accumulated through the intervening years through the sale of salvarsan were thereafter perpetually dedicated to medical research.

Object: The advancement of knowledge through research in the domain of chemistry, bacteriology, immunology, biologic therapy, and chemotherapy.

Membership: The staff of the Institute and the Board of Trustees.

Research funds, medals, etc.: The endowment consists solely of funds accumulated by Dr. Jay F. Schamberg, Dr. John A. Kolmer, and Dr. George W. Raiziss, accruing from the preparation and sale of arspenamine and neoarsphenamine from 1916 to 1920 after deducting expenses and very moderate salaries.

1063. Rhode Island Horticultural Society. *President:* L. W. Jones, Barrington, R. I. *Secretary:* E. K. Thomas, 39 East Manning Street, Providence, R. I. Officers elected for one year; terms expire January, 1943.

History: Organized 1845.

Object: To promote horticulture in its scientific and practical phases.

Membership: Active members, annual dues \$5; Associate, \$2. Total membership 500.

Meetings: Monthly, except during the summer, at Brown University.

Publications: Bulletin, occasional.

1064. Rhode Island Medical Society. 106 Francis Street, Providence, R. I. *President:* Frederic V. Hussey, 199 Thayer Street, Providence, R. I. *Secretary:* William P. Buffum, 122 Waterman Street, Providence, R. I. Officers elected for one year; terms expire June, 1942.

History: Founded 1812. *Reference:* Transactions, 8: 151, 1910-12.

Object: To extend medical knowledge and advance medical science, and to elevate the standards of medical education.

Membership: Open to members of district medical societies. Annual dues \$10. Total membership 502. List of members available for 25 cents.

Meetings: Annual.

Library: 32,800 volumes on medical and allied sciences.

Research funds, medals, etc.: FISKE FUND PRIZE ESSAY, approximately \$200, awarded for the best essay on a subject announced by the Trustees of the Fund.

Publications: Rhode Island Medical Journal, monthly, 1-24, 1917-1941, price \$2, free to members.

1065. Richmond Academy of Medicine, Inc. 1200 East Clay Street, Richmond, Va. *President:* Beverley R. Tucker, 212 West Franklin Street, Richmond, Va. *Secretary:* Mary Nokely Godbald. Term of President, elected for one year, expires December, 1942.

Object: To promote the scientific practice of medicine and surgery, and to foster and encourage research in medicine, surgery, and the allied sciences.

Membership: Active, Associate, Non-resident, and Honorary members. Entrance fee \$2, annual dues for Active members \$15. Total membership 350.

Meetings: Scientific meetings are held twice a month, on the second and the fourth Tuesdays.

Library: The Miller Collection of approximately 1,600 volumes was presented to the Academy by Dr. Joseph Lyons Miller.

Publications: Quarterly Bulletin, 1-9, 1932-1941.

1066. Rochester Academy of Science. Eastman Building, Prince Street, Rochester, N. Y. *President:* Floyd C. Fairbanks, 700 Post Avenue, Rochester, N. Y. *Secretary:* Milroy N. Stewart, 172 Roosevelt Road, Rochester, N. Y. Officers elected for one year; terms expire January, 1942.

History: Organized and incorporated 1881, an outgrowth of the Rochester Microscopical Society which was organized in 1879; reorganized 1889. In 1897, its engineering section became an independent society under the name of the Rochester Engineering Society. *Working Sections:* Botany, Mineralogy, Research. *Reference:* History and Work of the Rochester Academy of Science, by H. LeRoy Fairchild, Proceedings, 3, no. 3: 320-339.

Object: To promote scientific study and research, and especially to gain and publish knowledge of the natural history of that part of the State of New York in the vicinity of Rochester; and to make permanent collections of

materials in illustration of the natural history of the region.

Membership: Active members, 179; Corresponding, 38; Honorary 3. Annual dues \$2; Life membership \$100.

Meetings: Semimonthly, the second and fourth Monday evenings, October to May.

Library: 75,000 volumes, mostly exchanges of domestic and foreign scientific societies, deposited in perpetuity with the University of Rochester.

Publications: Proceedings, issued on an average of one or two a year, 1-8, 1889-1941, price not fixed, free to members or at a nominal cost.

1067. Rochester Engineering Society, Inc. Sagamore Hotel, 111 East Avenue, Rochester, N. Y. **President:** George H. Spohr, General Railway Signal Company, Rochester, N. Y. **Executive Secretary:** O. L. Angvine. Term of President expires June, 1942.

History: Founded March 18, 1897; incorporated June 8, 1934.

Object: The advancement of engineering knowledge and practice, the dissemination of such knowledge, and the establishment of a central point of reference and union for its members.

Membership: Honorary, 2; Resident, 390, entrance fee \$5, annual dues \$12; Non-resident, \$5, \$2.50, \$4; Junior, 6, \$2.50, \$6. Total membership 451. List of members in Yearbook.

Meetings: The second Thursday of each month; annual meeting in June.

Library: 1,200 volumes.

Publications: Rochester Engineer, monthly, 1-, 1922-, price \$1, free to members and on exchange. The July number of the Rochester Engineer is the Yearbook.

1068. Rockefeller Foundation. 49 West 49th Street, New York, N. Y. **President:** Raymond B. Fosdick. **Secretary:** Norma S. Thompson.

History and Object: Founded by John D. Rockefeller. Chartered under the laws of the State of New York, May 14, 1913, "to promote the well-being of mankind throughout the world." On January 3, 1929, the Rockefeller Foundation and the Laura Spelman Rockefeller Memorial were consolidated, the consolidated corporation retaining the name "The Rockefeller Foundation." The program of the Foundation is concerned with certain definite problems in the fields of medical science, natural science, social science, the humanities, and public health. Except to a limited degree in public health, the Foundation is not an operating agency. It contributes toward those activities of institutions and organizations which give promise of advancing the objectives of its program; and, in addition, in the field of public

health, it cooperates with governments in the development of general public health activities and the study and control of certain diseases.

Meetings: Regular meetings of the Foundation are held in April and December; eight meetings of the executive committee are held during the year.

Research funds, medals, etc.: The Foundation's principal fund is \$145,068,365, both the income and the principal of which are available for appropriation. Its resources and policies are controlled by a self-perpetuating board of unsalaried trustees.

Publications: President's Review, annual, 1917-1928; 1936-1940. Annual Report, 1913-1940. Free upon request.

1069. Rockefeller Institute for Medical Research. 66th Street and York Avenue, New York, N. Y. **Board of Scientific Directors:** Warfield T. Longcope, President; Alphonse R. Dochez, Secretary; Walter B. Cannon, James B. Conant, Herbert S. Gasser, Ross G. Harrison, George H. Whipple.

History: Incorporated May 28, 1901. **Departments:** Laboratories, Herbert S. Gasser, Director (organized 1905); Hospital, Thomas M. Rivers, Director (organized 1910); Animal and Plant Pathology, Carl Ten Broeck, Director (organized 1916).

Object: To conduct, assist, and encourage investigations into the sciences and arts of hygiene, medicine and surgery, and allied subjects, the nature and causes of disease and methods of its prevention and treatment, and to make knowledge relating to these various subjects available for the protection of the health of the public and the improved treatment of disease and injury.

Library: 31,212 volumes on medical and related subjects.

Buildings and funds: The Institute consists of three laboratory buildings, two hospital buildings, a library building, and an animal house in New York City; and a 780 acre farm, two laboratories, greenhouses, and animal buildings at Princeton, N. J. The entire income from the endowment fund, by John D. Rockefeller, is used for research.

Publications: Studies, irregular, 1-118, 1904-1941, price \$2. Journal of Experimental Medicine, monthly, 1-74, 1896-1941, price \$10. Journal of General Physiology, bimonthly, 1-24, 1918-1941, price \$5. Monographs, irregular, 1-23, 1910-1930, usually priced \$2. Semiannual List of Publications, 51 issued.

1070. Rockford Engineering Society. **President:** Bengt Granberg, 2210 Oaklawn Avenue, Rockford, Ill. **Secretary:** Gabriel McConnell, Jr., 141 North Prospect Street, Rockford, Ill. Term of President, elected for one year, expires June, 1942.

History: Organized 1915.

Object: To promote the social and educational interests of the engineers of Rockford.

Membership: Entrance fee \$5, annual dues \$5. Total membership 85.

Meetings: Monthly.

1071. Rocky Mountain Association of Petroleum Geologists. *President:* H. E. Christensen, Texas Company, Box 2100, Denver, Colo. *Secretary:* R. D. Copley, California Company, 1006 U. S. National Bank Building, Denver, Colo. Officers elected for one year; terms expire December, 1942.

History: Organized 1922.

Object: To meet for informal discussion, usually on petroleum geology.

Membership: Total membership 85.

Meetings: The first and third Mondays of the winter months, at Denver.

1072. Roscoe B. Jackson Memorial Laboratory. *President, Board of Directors:* C. C. Little, Bar Harbor, Me.

History: Organized and incorporated in 1929. The main building is at Bar Harbor, Me. Hamilton Station is at Salisbury Cove, Me. *Reference:* Journal of Heredity, 30, no. 10, 1939.

Object: Research in mammalian genetics and abnormal growth.

Membership: Directors, Members, and Associates. The requirements are scientific attainment and an interest in research. There are 40 members.

Meetings: Annual meeting of the members, and approximately three meetings a year of the directors, in Bar Harbor or in New York City.

Library: 6,000 volumes on genetics and cancer.

Research funds, medals, etc.: There is no endowment; the annual budget is approximately \$60,000 from donations.

Publications: Mimeographed reports to directors and members.

1073. St. Louis Institute of Consulting Engineers. *President:* M. H. Doyno, City Hall, St. Louis, Mo. *Secretary:* Hymen Shifrin, 1312 International Building, St. Louis, Mo. Officers elected for one year; terms expire January, 1942.

History: Established May 23, 1924, by consulting engineers of the City of St. Louis and the surrounding territory within fifty miles.

Object: To promote ethical standards and practical efficiency in the branches of engineering, and to increase the usefulness of the profession to the public.

Membership: Open to members of one or more of the five leading national engineering societies, who are engaged chiefly in consulting

engineering work. Entrance fee \$10, annual dues \$5. Total membership 24. List of members in Yearbook.

Meetings: Luncheon meetings every month.

Publications: Yearbook.

1074. St. Louis Medical Society. 3830 Lindell Boulevard, St. Louis, Mo. *President:* Frederick E. Woodruff, Metropolitan Building, St. Louis, Mo. *Secretary:* Victor E. Scherman, Metropolitan Building, St. Louis, Mo. Officers elected for one year; terms expire January, 1943.

History: Incorporated January, 1837.

Object: The advancement of medical and collateral sciences.

Membership: Active members, annual dues \$30; Junior, \$10; Library, \$5; Associate, \$5; Corresponding, \$2; Honor, Life, and Honorary members, no dues. Total membership 1,066. Roster of members in the last number of the Bulletin each year.

Meetings: Every Tuesday.

Library: 32,500 volumes on medicine.

Publications: Bulletin, weekly, subscription price \$1, included in dues of members.

1075. Salina Engineers Club. *President:* D. L. Sedgwick, 424 West Ellsworth Street, Salina, Kans. *Secretary:* E. W. Hopkins, 216 West Wilson Street, Salina, Kans. Officers elected for one year; terms expire June, 1942.

History: Organized at Salina, Kans., June 30, 1939.

Membership: Annual dues \$1. Total membership 45. List of members available.

Meetings: Meetings are held the last Monday of each month.

1076. Samuel S. Fels Fund. 73rd Street and Woodland Avenue, Philadelphia, Pa. *President:* Samuel S. Fels. *Secretary:* A. Roy Robson. Officers elected for one year; terms expire January, 1942.

History: Organized as a corporation December 17, 1935.

Object: To initiate and to assist any activities or projects of a scientific or educational nature which tend to improve human daily life and to bring to the average person greater health, happiness, and a fuller understanding of the meaning and purposes of life, with particular attention to and emphasis upon causative rather than curative factors.

Membership: There are five members of the Board of Directors.

Research funds, medals, etc.: SAMUEL S. FELS RESEARCH INSTITUTE, Antioch College, Yellow Springs, Ohio. SAMUEL S. FELS FUND MEDICAL RESEARCH LABORATORY, Philadelphia, Pa. Projects are supported at various colleges and universities.

1077. San Diego Society of Natural History. Natural History Museum, Balboa Park, San Diego, Calif. *President:* J. W. Sefton, Jr., San Diego Trust and Savings Bank, San Diego, Calif. *Secretary:* Clinton G. Abbott. Officers elected for one year; terms expire January, 1942.

History: Incorporated October 9, 1874. *Reference:* History of the San Diego Society of Natural History, 1874-1924: A Folder Published on the Occasion of the 60th Anniversary of the Founding of the Society, on October 13, 1934.

Object: The study of nature, the acquirement and diffusion of scientific knowledge, and the collection and preservation of materials pertaining thereto.

Membership: Annual members, annual dues \$5; Sustaining, \$25; Junior, \$1; Life, payment of \$100; Patrons, payment of \$1,000; Fellows, limited to 50, \$2. Total membership 500.

Meetings: Annual, the second Saturday in January; meetings of Fellows, the second Monday of each month.

Library: About 50,000 volumes and pamphlets on natural history.

Publications: Transactions, 1-9, 1905-1941, price varies. Memoirs, 1, 1931, price \$8. Occasional Papers, 1936-, price varies. Bulletin, monthly, from October to June inclusive. All publications are free to members.

1078. San Francisco Engineering Council. Engineers' Club of San Francisco, 206 Sansome Street, San Francisco, Calif. *President:* Charles White Merrill, U. S. Bureau of Mines, P. O. Building, San Francisco, Calif. *Secretary:* J. M. Evans, 429 Standard Oil Building, San Francisco, Calif. Officers elected for two years; terms expire December, 1942.

History: Organized November, 1932, to consist of three delegates from each of the following organizations: San Francisco Sections of the American Society of Civil Engineers, of the American Society of Mechanical Engineers, of the American Institute of Electrical Engineers, and of the American Institute of Mining and Metallurgical Engineers. In 1938, the organization was expanded to include delegates from the California Section, American Chemical Society, and the San Francisco Section, the Institute of Radio Engineers.

Object: The consideration of problems of mutual concern to the several branches of the engineering profession composing its membership, and the sponsorship of an annual joint meeting to be addressed by a qualified speaker on a topic of mutual interest.

Membership: The delegates to the Council consist of the chairman, the vice-chairman, and a delegate-at-large of the Member Sections

listed above. Each Member Section pays dues of \$10 per year.

Meetings: Bimonthly, in San Francisco, and the annual joint meeting.

1079. Sand Lime Brick Association. *President:* C. A. Perkins, 1225 East Eckman Street, South Bend, Ind. *Secretary:* J. Morley Zander, Saginaw, Mich. Officers elected for one year; terms expire February, 1942.

History: Organized December 5, 1904.

Object: To protect, promote, foster, and advance the interests of the members as manufacturers and distributors of sand-lime products, to increase the use of their products, and to collect and disseminate pertinent data relating to the industry.

Membership: Any individual, firm, or corporation engaged or interested in the manufacture or distribution of sand-lime products may become a member, admission fee \$10; any individual, firm, or corporation engaged in the manufacture or distribution of machinery, equipment, raw materials, or supplies of direct interest in the objects of the Association may become an associate, without the privilege of voting, admission fee \$25; any individual interested in the work of the Association may become an individual associate member, without the privilege of voting, admission fee \$1 per year. Honorary memberships may be given at the direction of the active members at the annual meeting.

Meetings: Annual.

1080. Science Service. 1719 N Street, N. W., Washington, D. C. *Director:* Watson Davis.

History: Incorporated 1921.

Object: The popularization of science.

Membership: Limited to a board of trustees appointed by the National Academy of Sciences, the National Research Council, the American Association for the Advancement of Science, the E. W. Scripps Estate, and the journalistic profession. Members for 1941: C. G. Abbot, J. McKeen Cattell, Edwin G. Conklin, Frank R. Ford, Ross G. Harrison, Harrison E. Howe, William H. Howell, A. H. Kirchhofer, R. A. Millikan, O. W. Riegel, Harlow Shapley, H. L. Smithton, Neil H. Swanson, Warren S. Thompson, and Henry B. Ward.

Library: About 8,000 volumes and 50,000 illustrations on general science.

Research funds, medals, etc.: SEISMOLOGICAL REPORTING FUND, for the prompt location of earthquakes, operated in cooperation with leading seismological observatories, the Coast and Geodetic Survey, and the Jesuit Seismological Association; about \$500 a year. ARCHAEOLOGICAL INVESTIGATION AND REPORTING FUND, for the prompt investigation of reported archaeological and anthropological discoveries, operated in cooperation with a special committee of the Di-

vision of Anthropology and Psychology of the National Research Council; about \$500 a year. COSMIC DATA URSIGRAMS, daily data on terrestrial magnetism, solar constant, sunspots, and other phenomena distributed by radio and other means, operated in cooperation with the American Section of the International Scientific Radio Union, Mt. Wilson Observatory, U. S. Coast and Geodetic Survey, Smithsonian Institution, and National Bureau of Standards; the data are assembled into URSIgram message by Science Service and distributed by U. S. Navy Radio, NSS; about \$500 a year. MICROPHOTOGRAPHIC DUPLICATION RESEARCH AND DEVELOPMENT, an activity which has resulted in the formation of the American Documentation Institute.

Publications: Science News Letter, weekly, 1-39, 1922-1941, price \$5.

1081. **Sciencetech Club.** 1001 Peoples Bank Building, Indianapolis, Ind. *President:* Herbert Kessel, 1226 West 36th Street, Indianapolis, Ind. *Secretary:* H. A. Minturn. Officers elected for one year; terms expire December, 1942.

History: Organized 1918; incorporated 1930.

Object: To promote the interchange of technical and scientific knowledge and advances.

Membership: Full members, and Associate members. Members must be technically trained. Annual dues \$5. Total membership 137.

Meetings: Weekly, in Indianapolis.

1082. **Scientific Apparatus Makers of America.** *President:* J. M. Roberts, 20 North Wacker Drive, Chicago, Ill. *Secretary:* P. E. Klopsteg, Central Scientific Company, 1700 Irving Park, Chicago, Ill. Terms of officers expire June, 1942.

History: Organized April 19, 1919, as the Association of Scientific Apparatus Makers of United States of America; name changed in 1925 to present title. *Divisions:* Laboratory Apparatus, Optical Instruments, Industrial Instruments, Surveying and Drafting Instruments, Laboratory Furniture.

Object: To promote the development of scientific instruments.

Membership: Manufacturers of scientific instruments. Annual dues and entrance fees vary according to the size of the firm. Total membership 350. List of members available.

Meetings: Annual, at various places.

Publications: An allotment of \$1,500 per year is made to the American Institute of Physics to assist the publication of the Review of Scientific Instruments.

1083. **Scientific Society of San Antonio.** 133 West Commerce Street, San Antonio, Tex. *President:* H. B. Parks, Route 1, Box 368,

San Antonio, Tex. *Secretary:* George Zerschowsky, 1701 Avenue B, San Antonio, Tex. *Director:* Edward W. Heusinger, 212 Terrell Road, San Antonio, Tex. Officers elected for one year; terms expire December, 1942.

History: Organized June 14, 1904; incorporated January 18, 1905.

Object: To support, encourage, and develop the study of natural and exact sciences, and to maintain in the City of San Antonio a museum and a scientific and historical library.

Membership: Associates, persons who are interested in the objects of the Society, annual dues \$3; Members, persons whose knowledge in science qualifies them to contribute valuable information to the proceedings of the Society, \$5; Fellows, members who are specially qualified in scientific knowledge, have made scientific investigations, and have made contributions to scientific information, annual dues \$5.

Meetings: Monthly, at headquarters.

Library: 5,000 volumes on general science and history.

Research funds, medals, etc.: FRANKLIN MEDAL OF MERIT, awarded annually to one who, in the opinion of the Governing Board, has merited this recognition as the result of scientific attainment. The medal was donated in memory of Thomas Henry Franklin, the first Life Member of the Society, by Colonel and Mrs. Hart. MACKENSEN BIOLOGICAL MEDAL, awarded annually for the best paper presented before the Biological Section of the Society. The medal commemorates the life of Professor Bernard Mackensen.

Publications: Annual Report, 1-26, 1905-1930. Bulletin, 1-4, 1905-1922. Publications are free to members.

1084. **Scripps Institution of Oceanography.** La Jolla, Calif. *Director:* Harald U. Sverdrup.

History: The Institution grew out of the efforts of the Department of Zoology of the University of California to promote researches on the animal life of the Pacific Ocean. In 1903 the itinerant equipment was moved from San Pedro to San Diego. For several years the enterprise was carried on as the Marine Biological Association of San Diego, with no official connection with the University of California. In 1912 the Institution became an integral part of the University, and the name was changed to the Scripps Institution for Biological Research. In 1925 the name was changed to the present title.

Object: Researches in physical and chemical oceanography, biology of the ocean bottom topography, and sedimentation.

Library: There is a fireproof library-museum building. The library is adapted to the re-

searches of the Institution, and contains over 1,800 volumes, 1,100 charts, and about 30,000 pamphlets and unbound journals.

Research funds, medals, etc.: Funds for physical upbuilding and a considerable part of those for maintenance have come from Miss E. B. Scripps, Mr. E. W. Scripps, Mr. Robert P. Scripps, and the Ellen B. Scripps Foundation. Since 1912, the State of California has contributed liberally to the support of the scientific work. There are two fireproof research laboratory buildings, capable of accommodating about forty investigators. The research vessel, "*E. W. Scripps*," is owned and operated by the Institution, and is equipped for all types of oceanographic work, has good facilities, and accommodates a scientific party of six.

Publications: Bulletin, 1-4, 1927-1941. Contributions from the Scripps Institution of Oceanography, n. s. (collected reprints), 1938-. Records of Observations, Scripps Institution of Oceanography, 1941-.

1085. Seismological Society of America. University of California, Berkeley, Calif. **President:** E. A. Hodgson, Dominion Observatory, Ottawa, Canada. **Secretary:** Perry Byerly, University of California, Berkeley, Calif. Officers elected for one year; terms expire January, 1942.

History: Organized in San Francisco in the fall of 1906 by a group of men whose interest in earthquakes had been stimulated by the severe shock of April 18, 1906. **Section:** Eastern.

Object: To promote the study of earthquakes.

Membership: Regular, Corporate, Life, and Honorary members; and Patrons. Annual dues \$3. Total membership 630. List of members available.

Meetings: Annual.

Research funds, medals, etc.: American Association for the Advancement of Science Fund, available for the field study of earthquake effects.

Publications: Bulletin, quarterly, 1-31, 1911-1941, price \$4, free to members.

1086. Shawnee Geological Society. **President:** M. C. Roberts, Texas Company, Box 1007, Shawnee, Okla. **Secretary:** Martyna Garrison, Amerada Petroleum Corporation, Box 806, Shawnee, Okla. Officers elected for one year, terms expire January, 1942.

History: Organized in the fall of 1928; affiliated with the American Association of Petroleum Geologists, December, 1931.

Object: To advance knowledge through lectures and discussions of geological problems in Oklahoma and the surrounding area, and to promote fellowship among the geologists of that region.

Membership: Annual dues \$2. Total membership 50.

Meetings: Monthly.

1087. Shreveport Geological Society. **President:** W. B. Weeks, Phillips Petroleum Company, Box 1720, Shreveport, La. **Secretary:** Van D. Robinson, Atlantic Refining Company, Shreveport, La. Officers elected for one year; terms expire October, 1941.

History: Organized December 5, 1919, as the Shreveport Section of the Southwestern Geological Society; reorganized October 17, 1924, under present title.

Object: To increase geological knowledge, especially that of Louisiana, South Arkansas, and East Texas; and to promote fellowship among geologists in this area.

Membership: Active, Associate, and Honorary members; annual dues \$2.

Meetings: Monthly, the first Friday.

Research funds, medals, etc.: A fund is maintained to promote publications on local geology.

Publications: Annual Field Trip Guidebook, irregular, 1923-1941, no set price.

1088. Sierra Club. 1050 Mills Tower, San Francisco, Calif. **Secretary:** William E. Colby.

History: Incorporated 1892.

Object: To explore, enjoy, and render accessible the mountain regions of the Pacific Coast, to publish authentic information concerning these regions, and to enlist the support and cooperation of the people and the Government in preserving the forests and other natural features of the Sierra Nevada Range.

Membership: Annual dues \$8 the first year, \$4 thereafter; Juniors, \$2; Life, \$75. Total membership, approximately 4,000.

Publications: Sierra Club Bulletin, 1893-1913, semiannual; 1914-1927, annual; 1928-1941, bimonthly, consisting of one magazine number and five circulars. Free to members.

1089. Sigma Gamma Epsilon Fraternity. Grand Council, 1809 Ford Street, Golden, Colo. **President:** R. L. Kidd, Salt Lake City, Utah. **Secretary:** Clark B. Carpenter. Officers elected for two years; terms expire 1942.

History: Organized 1915 at the University of Kansas.

Object: To promote the social, scholastic, and scientific advancement of the members, and the extension of friendship and assistance between the universities and scientific schools with recognized standing in the United States and Canada.

Membership: The fraternity consists of chapters established in recognized schools in the

United States and Canada having major courses in the earth sciences. A certain general average is required for membership in the chapter. Associate membership may be granted by any chapter to any man on the faculty of departments teaching earth sciences in these schools; Honorary membership may be granted by the Grand Council to any pre-eminent mining or petroleum engineer, geologist, metallurgist, or ceramist. Entrance fee \$5; annual dues \$3. Total membership 4,000. List of members available for \$1.

Meetings: Biennial, at place selected by the Grand Council.

Research funds, medals, etc.: There is a small research fund, to which additions are being made.

Publications: Compass, quarterly, 1920-1941, price \$1, free to active members.

1900. Sigma Pi Sigma. Physics Honor Society.

President: F. C. Blake, Ohio State University, Columbus, Ohio. *Executive Secretary:* Marsh W. White, Pennsylvania State College, State College, Pa.

History: Founded at Davidson College, Davidson, N. C., on December 11, 1921, as a local honorary society. A movement for nationalization was launched in 1925. The Society is now national in scope, with thirty-eight chapters among the leading colleges and universities. It is associated with the American Association for the Advancement of Science.

Object: To serve as a means of awarding distinction to students having high scholarship and promise of achievement in physics, to promote student interest in research and the advanced study of the subject, to encourage a professional spirit and friendship among those who have displayed marked ability in physics, and to popularize interest in physics in the general collegiate public.

Membership: Candidates for membership are selected from advanced-course students and from faculty members. Primary qualifications include high scholarship, manifested interest in physics, and promise of achievement in extending the boundaries of human knowledge. Entrance fee \$5; annual dues \$1. Members are classed as Active, Alumni, Associate, Sustaining, and Honorary. Total membership 3,000. Membership list available for 50 cents.

Meetings: A national convention is held about every three years. The Society sponsors two annual noonday luncheons, in connection with the meetings of the American Physical Society.

Research funds, medals, etc.: There is a fund from which loans may be made to advanced active student members to enable them to complete their education. The national organization serves the local chapters by arranging for and financially assisting in lecture tours by noted speakers.

Publications: Radiations, irregular, 1-11, 1930-1941, price \$1, free to active members.

Sigma Xi. See Society of the Sigma Xi.

1901. Sioux Valley Medical Association. President:

D. S. Baughman, Madison, S. Dak. *Secretary:* R. H. McBride, 803 Frances Building, Sioux City, Iowa. Officers elected for one year; terms expire February, 1943.

History: Organized 1895.

Object: To conduct postgraduate work for physicians and surgeons, and to present a medium through which new ideas may be expressed.

Membership: Open to ethical physicians who are members of their county medical society and who reside in the states of South Dakota, Minnesota, Iowa, or Nebraska. Entrance fee, payment of first year's dues; annual dues \$3. Total membership 500.

Meetings: Annual, at Sioux Falls, S. Dak. and Sioux City, Iowa.

Publications: The official journal of the Association is the Journal-Lancet.

1902. Smithsonian Institution. Washington,

D. C. *Secretary:* C. G. Abbot.

History: Founded by Act of Congress approved August 10, 1846, in accordance with the bequest of James Smithson, of London, England. The statutory members of the Establishment are the President of the United States, the Vice President, the Chief Justice, and the heads of Executive Departments. The business of the Institution is conducted by a Board of Regents, consisting of the Vice President and the Chief Justice of the United States as *ex-officio* members, three members of the Senate, three members of the House of Representatives, and six citizens, two of whom shall be resident in the City of Washington and the other four shall be inhabitants of some state, but no two of them of the same state. The following institutions and bureaus, for the maintenance of which the Congress provides by annual appropriations are under the direction of the Institution: U. S. National Museum, National Collection of Fine Arts, Bureau of American Ethnology, International Exchange Service, National Zoological Park, Astrophysical Observatory. The Institution also directs the Freer Gallery of Art and the Division of Radiation and Organisms, which are supported mainly by private funds. The new National Gallery of Art, presented to the Nation by the late Andrew W. Mellon and opened to the public in March, 1941, was designated a bureau of the Smithsonian Institution, but is administered by a separate Board of Trustees. *References:* The Smithsonian Institution, 1846-1896: The History of Its First Half Century, edited by G. B. Goode, Washing-

ton, 1897. The Smithsonian Institution, Journals of the Board of Regents, Reports of Committees, Statistics, etc., edited by W. J. Rhees, issued as Smithsonian Miscellaneous Collections, vol. 18, 1879. The Smithsonian Institution: Documents Relative to Its Origin and History, 1835-1899, compiled and edited by W. J. Rhees, issued as Smithsonian Miscellaneous Collections, vols. 42-43, 1901.

Object: The increase and diffusion of knowledge among men.

Library: The main library of the Institution was deposited in 1866 in the Library of Congress, and is known as the Smithsonian Deposit. There are also maintained in the Institution and its branches nine major and thirty-five minor library units. The total number of volumes, books, and pamphlets contained in the entire Smithsonian library is about 908,000.

Research funds, medals, etc.: The permanent funds of the Institution (exclusive of the Freer endowment) amount to about \$2,197,600, of which \$1,000,000 bears interest at six percent. It is derived from the Smithsonian endowment, with savings and interest and subsequent gifts and bequests, notably those of Thomas G. Hodgkins, John A. Roebling, Mrs. Virginia Purdy Bacon, and James Arthur. Grants are made by the Institution for various explorations and investigations; in particular, the income from the HODGKINS FUND, capital \$100,000, is used to promote the study of the nature and properties of atmospheric air in connection with the welfare of man, by grants-in-aid of researches, by the award of the HODGKINS GOLD MEDAL for important contributions to knowledge in this field, and by the award of the LANGLEY GOLD MEDAL for specially meritorious investigations in connection with the science of aerodynamics and its application to aviation. The ROEBLING FUND is used for the care, improvement, and increase of the Roebling collection of minerals; the VIRGINIA PURDY BACON FUND, for a traveling scholarship to investigate fauna of countries other than the United States; and the JAMES ARTHUR FUND, for investigations and study of the sun and an annual lecture on the sun. The ARTHUR LECTURE is delivered each year at the Institution by an outstanding authority on some phase of solar research.

Publications: Smithsonian Contributions to Knowledge, 1-35, 1848-1916; restricted to the publication of positive additions to human knowledge resting on original research, each memoir has a special title-page and is issued separately in advance of the volume of which it forms a part. Smithsonian Miscellaneous Collections, 1-72, 74-90, 92-98, 100, 1862-1941; 8 parts of vol. 73 were issued 1922-1936, 31 parts of vol. 91 were issued 1933-1940, and 21 parts of vol. 99 were issued 1940-1941. Annual Report of the Board of Regents, 1846-1940; 1846-1853, reports only; 1854 to date, reports and a gen-

eral appendix giving a record of the progress in different branches of knowledge, compiled largely from journals in foreign languages and the transactions of learned societies throughout the world, each paper being issued also as a reprint. The papers issued in the first two series are distributed without charge to public libraries, educational establishments, learned societies and specialists in this country and abroad, and are supplied to other institutions and individuals at varied prices. The Report, and reprints from it, are distributed gratuitously to libraries and individuals throughout the world. In addition to its regular series of publications, the Institution issues special publications, including its annual exploration pamphlet in which are presented brief preliminary accounts of the explorations and field-work of the preceding year written in a semipopular style. No general mailing list of individuals is maintained.

U. S. NATIONAL MUSEUM

Alexander Wetmore, Assistant Secretary,
in charge

History: By its Act of Incorporation 1846, the Smithsonian Institution was made the custodian and the only lawful place of deposit of all objects of art and of foreign and curious research and all objects of natural history, plants, and geological and mineralogical specimens belonging to the United States. In 1858, the collections of the Wilkes Exploring Expedition and of various government surveys were transferred from the Patent Office to the Institution and appropriation was made by the Congress for their care and maintenance. The name "National Museum" first appears in an Act of Congress in 1875, although it had then been in popular use for several years. In 1876, at the close of the Centennial Exposition at Philadelphia, large collections from the exhibits of foreign governments were secured for the museum and the Congress made provision for the erection of a separate building, which was opened to the public in 1881. This building is now occupied by the historical collections and the Department of Engineering and Industries. A new building, provided for in 1903 and occupied in 1912, now houses the natural history collections, comprising anthropology, biology, and geology, and, temporarily, the National Collection of Fine Arts.

Object: Preservation of national collections, researches, and the diffusion of knowledge.

Library: Over 216,000 volumes and pamphlets on general science, natural history, travel, and technology.

Publications: Annual Report, 1884-1940; 1884-1904 issued as part 2 of Smithsonian Reports. Proceedings, 1-90, 1875-1941. Bulletin, nos. 1-177, 1875-1941. Special Bulletin, 1-4, 1892-1904. Contributions from the United

States National Herbarium, 8-28, 1903-1941; vol. 28 in progress, and vols. 1-7 published by the U. S. Department of Agriculture. Circulars, nos. 1-51, 1881-1901. These publications are not sold by the Museum, but are supplied without charge so long as the limited editions are available. The Superintendent of Documents, Government Printing Office, Washington, D. C., usually has a limited number of copies for sale at a nominal price.

BUREAU OF AMERICAN ETHNOLOGY

M. W. Stirling, Chief

History: Organized 1879, when the archives, records, and materials relating to the Indians of North America, collected by the Geographical and Geological Survey of the Rocky Mountain region, were transferred from the Department of the Interior to the Smithsonian Institution, under an Act of Congress approved March 3 of that year. *Reference:* Bureau of American Ethnology, by W. J. McGee, in The Smithsonian Institution, 1846-1896, pages 367-396, 1897.

Object: The collection and dissemination by publication of information relating to the aborigines of America.

Library: 52,762 volumes and pamphlets on anthropology in general, with special reference to American ethnology.

Publications: Annual Report, 1-57, 1879-1940. Bulletin, nos. 1-128, 1887-1941. Contribution to North American Ethnology, 1-7, 9, 1877-1893. Publications are distributed mainly to libraries and institutions of learning and to collaborators and others engaged in anthropological research or in instruction. Copies of the Bureau publications are held for sale by the Superintendent of Documents, Government Printing Office, Washington, D. C.

INTERNATIONAL EXCHANGE SERVICE

C. G. Abbot, Secretary, in charge

History: Established about 1850, by Joseph Henry, first secretary of the Smithsonian Institution, and supported by the Smithsonian until 1880. In 1881, Congress made a first appropriation of \$3,000 for the International Exchanges. This appropriation has been increased annually with the growth of the Exchange Service. Present appropriation about \$50,000.

Object: The official exchange with foreign countries of parliamentary documents, departmental documents, and miscellaneous scientific and literary publications. The number of foreign depositories that received sets of United States official documents in 1941 was 104.

Publications: Annual Report, forming part of the Annual Report of the Secretary of the Smithsonian Institution, 1854-1940.

NATIONAL ZOOLOGICAL PARK

William M. Mann, Director

History: Founded through the interest of former Secretary Samuel P. Langley. In 1889, the Congress appropriated \$200,000 for the purchase of land to be laid out as a National Zoological Park and to be placed under the direction of the Smithsonian Institution. A site of 166 acres in the Valley of Rock Creek was acquired. The erection of necessary buildings, the improvement of the Park grounds, and the acquisition of extensive collections of animals, birds, and reptiles have steadily progressed since that time until in 1941 the collection numbered 2,550 animals representing 762 different species. Four new modern exhibition buildings and a new restaurant building have recently been completed by means of grants from the Public Works Administration. The regular appropriation for 1940 made by Congress for the maintenance of the Park was \$237,060.

Object: The advancement of science and the instruction and recreation of the people.

Library: 3,846 volumes and pamphlets, chiefly dealing with the care, study, and exhibition of wild animals.

Publications: Annual Report, forming part of the Annual Report of the Secretary of the Smithsonian Institution, 1890-1940.

ASTROPHYSICAL OBSERVATORY

C. G. Abbot, Director

History: Founded 1890, by Secretary S. P. Langley. Branches established at Mt. Wilson, California, in 1905; Calama, Chile, in 1918; Mt. Harqua Hala, Arizona, in 1920, which was removed to Table Mountain, California, in 1925; Mt. Brukkaros, South West Africa, in 1926, which was established by means of funds provided by the National Geographic Society, and was discontinued in 1932; Mt. St. Katherine, Egypt, in 1933, which was discontinued in 1937; Burro Mountain, New Mexico, in 1939.

Object: Investigations in the radiation of the sun and of the earth, and the effect of the atmosphere on both; also, of the relation between variation in solar radiation and weather.

Central Station: Maintained at Washington, D. C., for making and standardizing apparatus, computing results of observations, publishing reports, and making preparations for expeditions.

Library: 9,845 volumes and pamphlets in physics, chemistry, astronomy, geology, and mathematics; and periodicals in physics and astronomy.

Research funds, medals, etc.: The work is supported by annual appropriations from the Congress of the United States, supplemented by grants from the private funds of the Smithsonian

Institution, and by special gifts. The average yearly expenditure at present is about \$35,000.

Publications: Annals, 1-4, 1900, 1908, 1913, 1922; free to a selected list. Annual Reports are published in the Annual Report of the Smithsonian Institution. Reprints of articles by members of the staff published in scientific journals are distributed subject to the rules governing the distribution of the publications of the various series.

DIVISION OF RADIATION AND ORGANISMS

C. G. Abbot, Director

History: Founded May, 1929, by C. G. Abbot. Laboratories in the basement of the Smithsonian building.

Object: Investigation of the influence of radiation on the growth of living organisms. Present investigations include phototropism and photosynthesis in plants.

Research funds, medals, etc.: Funds are supplied from the income of the private Smithsonian endowment and from contributions by interested friends. Annual expenditure, about \$12,500.

Publications: Results are published in Smithsonian Miscellaneous Collections, and appropriate journals.

1093. **Social Science Research Council.** 230 Park Avenue, New York, N. Y. *Executive Director:* Robert T. Crane.

History: Organized 1923; incorporated 1924.

Object: To promote the development and coordination of the social sciences, and to encourage adequate technical training in research in this field.

Membership: Representatives of the following organizations: American Anthropological Association, American Economic Association, American Historical Association, American Political Science Association, American Psychological Association, American Sociological Society, American Statistical Association; and members-at-large.

Meetings: The Council usually meets for one day in the spring and for several days in the autumn.

Research funds, medals, etc.: Funds are available for research planning, projects, grants-in-aid, and fellowships.

Publications: Annual Report. Occasional bulletins are issued.

1094. **Société de Chimie Industrielle.** American Section. *President:* Henri Mouquin, New York University, Washington Square, New York, N. Y. *Secretary:* Jerome Alexander, 50 East 41st Street, New York, N. Y.

History: Organized 1917 as a gesture of friendship to France and to French chemists.

The parent society is located temporarily at 18 rue de Bâi d'Argent, Lyon, Rhone, France.

Object: Cooperation with France and with French and American chemists.

Meetings: There is usually one scientific meeting held annually, and sometimes two.

1095. **Society for American Archaeology.** *President:* Glenn A. Black, Route 2, Newburgh, Ind. *Secretary:* Thorne Deuel, Illinois State Museum, Springfield, Ill. Term of President, elected for one year, expires June, 1942; of Secretary, elected for four years, June, 1944.

History: Organized in Pittsburgh, December 28, 1934. *Reference:* American Antiquity, 1: 141-151, 1935.

Object: To stimulate scientific research in the archaeology of the New World by creating closer professional relations among archaeologists, and between them and others interested in American archaeology; by guiding, on request, the research work of amateurs; by advocating the conservation of archaeological data and furthering the control or elimination of commercialization of archaeological objects; and by promoting a more rational public appreciation of the aims and limitations of archaeological research.

Membership: Life members, Fellows, Affiliates, and Institutional members. Annual dues \$3. Total membership 900.

Meetings: Annual.

Publications: American Antiquity, quarterly, 1-6, July, 1935-July, 1941, free to members. Notebook, occasional, vol. 1, February, 1939-November, 1940, free to members.

1096. **Society for Applied Anthropology, Inc.** *President:* Eliot D. Chapple, Peabody Museum, Harvard University, Cambridge, Mass. *Secretary:* Derwood W. Lockard, Peabody Museum, Harvard University, Cambridge, Mass. Term of President, elected for one year, expires 1942; of Secretary, elected for three years, 1944.

History: Incorporated April 2, 1941, under the laws of the Commonwealth of Massachusetts.

Object: To promote scientific investigation of the principles controlling the relations of human beings to one another, and to encourage the wide application of these principles to practical problems.

Membership: Regular, Founding, and Honorary members. Annual dues \$5. Total membership 150.

Meetings: Annual and special meetings are held.

Publications: Applied Anthropology, quarterly, 1-, 1941-, free to members.

1097. Society for Experimental Biology and Medicine. *President:* W. deB. MacNider, University of North Carolina, Chapel Hill, N. C. *Secretary:* A. J. Goldford, College of the City of New York, New York, N. Y. Terms expire July, 1943.

History: Established February 25, 1903. *Sections:* New York, Western New York, Southern, Iowa, Illinois, Minnesota, Missouri, Pacific Coast, Peiping (China), Wisconsin, Cleveland, District of Columbia, Southern California, and the Rocky Mountain section.

Object: The cultivation of the experimental method of investigation in the sciences of biology and medicine.

Membership: Active members, annual dues \$4.50. Any person who has accomplished meritorious original investigation in biology or medicine by the experimental method shall be eligible for membership. Total membership 1,549. List of members in the June number of the Proceedings.

Meetings: Each of the fourteen sections holds meetings during the academic year.

Research funds, medals, etc.: MELTZER ENDOWMENT FUND, capital \$10,000, to promote experimental research.

Publications: Proceedings, monthly, October to June inclusive, 1-47, 1903-1941, price \$7.50, free to members.

1098. Society for Investigative Dermatology, Inc. *President:* Fred Wise, 200 West 59th Street, New York, N. Y. *Secretary:* S. W. Becker, 950 East 59th Street, Chicago, Ill. Term of President, elected for one year, expires June, 1942; of Secretary, elected for five years, June, 1942.

History: Organized June 24, 1937.

Object: To conduct, promote, and encourage research in dermatology and syphilology, and to publish the results.

Membership: Regular members, annual dues \$10; Honorary members. Total membership 500.

Meetings: Annual, with the American Medical Association.

Publications: Journal of Investigative Dermatology, bimonthly, 1-3, 1938-1941, price \$5, free to members.

1099. Society for Occupational Research, Ltd. 643 West 34th Street, Los Angeles, Calif. *President:* J. H. Bedford, 608 Kimlin Drive, Glendale, Calif. *Secretary:* Mildred Bolstad. Officers elected for one year; terms expire 1943.

History: Organized at the University of Southern California in 1925.

Object: To promote occupational research and vocational guidance, and to create an in-

formed public opinion concerning occupational relations.

Membership: Associate members, entrance fee \$2, annual dues \$2; Life members, payment of \$50. Total membership 55. List of members available.

Meetings: Monthly, at the University of Southern California.

Library: 100 volumes on occupational relations.

1100. Society for Pediatric Research. *President:* George Guest, Elland Avenue and Bethesda, Cincinnati, Ohio. *Secretary:* Mitchell I. Rubin, 1740 Bainbridge Street, Philadelphia, Pa. Officers elected for one year; terms expire Spring, 1942.

History: Founded 1928 as the Eastern Society for Pediatric Research; name changed to present title in 1932.

Object: To stimulate research in pediatrics and allied fields.

Membership: Active members, annual dues \$3; Honorary members, those over forty-five years of age. Total membership 147.

Meetings: Annual.

Publications: Abstracts of the meetings of the Society are published in the American Journal of Diseases of Children.

1101. Society for Philosophical Inquiry. *President:* Edward E. Richardson, 1001 Alabama Avenue, S. E., Washington, D. C. *Secretary:* Grace Willoughby, 3100 Connecticut Avenue, Washington, D. C. Officers elected for one year; terms expire January, 1942.

History: Organized January 20, 1893.

Object: To further inquiry into philosophical questions.

Membership: Annual dues \$2. Total membership 38.

Meetings: Monthly, at the National Museum.

Publications: Memoirs, irregular, 1-4, free to members.

1102. Society for Research in Child Development. National Research Council, 2101 Constitution Avenue, Washington, D. C. *Chairman:* John E. Anderson, University of Minnesota, Minneapolis, Minn. *Secretary-Treasurer:* Carroll E. Palmer, National Institute of Health, U. S. Public Health Service, Bethesda, Md. Term of Chairman, elected for two years, expires December, 1943; of Secretary, elected for five years, December, 1946.

History: Formed June 24, 1933, at the University of Chicago, following a Conference on Child Development. The fields represented at the meeting were pediatrics, psychology, psychiatry, anthropology, nutrition, physiology,

sociology, and education. *Field Committees:* Physical Environment and Nutrition, Cultural Environment and Education, Anatomical and Physiological Problems, Mental and Emotional Problems, and the Committee on Developmental Period.

Object: To further research in child development by means of meetings, conferences, publications, and the distribution of research information; to stimulate research in new localities and new fields of knowledge; and to coordinate research and its application by the provision of opportunities for mutual acquaintance among those working in different localities and disciplines.

Membership: Fellows, persons actively engaged in research within the field of child development or any of the basic sciences relating thereto, who have demonstrated their capacity for research by scientific publication through appropriate channels; the charter members of the Society automatically became Fellows upon adoption of the Constitution of the Society; Members, persons who, by virtue of activity in a scientific or practical field relating to child development, are, in the judgment of the Governing Council, qualified for admission; Friends of the Society, persons who, by virtue of distinction in a related scientific or practical field or by reason of strong personal interest in the aims and purposes, may be recommended for such election. Annual dues, \$5 per year, including the three publications of the Society. Total membership 536. List of members available.

Meetings: Biennial meetings of the whole Society; Regional meetings as desired.

Research funds, medals, etc.: CHILD DEVELOPMENT ABSTRACTS FUND, the receipts from publications and unexpended balance as of December 15, 1941, \$1,418.18. These funds, and funds received from membership dues, are for issuing publications and for furthering the work of the Society.

Publications: Child Development Abstracts and Bibliography, bimonthly, except June and August numbers, which are published under one cover, 1-15, 1927-1941, price \$5, free to members. Child Development, quarterly, 7-12, 1937-1941, price \$4, free to members; volumes 1-6, published by Williams and Wilkins Company, were purchased by the Society and volume 6 was re-run to complete 300 sets of back issues. Monographs, irregular, 1-6, 1936-1941, price \$4 a yearly volume, free to members. Proceedings of the Second and Third Biennial Meetings of the Society, mimeographed, 1936-1938, price \$1.

1103. *Society for Research on Meteorites.* *President:* Lincoln La Paz, Ohio State University, Columbus, Ohio. *Secretary:* C. H. Clemenshaw, Griffith Observatory, Los Angeles, Calif. Officers elected for four years; terms expire June, 1945.

History: Founded 1933; incorporated 1936.

References: Announcement of Organization Meeting, Pan American Geologist, August-September, 1933. The Purpose and Aims of the Society for Research on Meteorites, Pan American Geologist, vol. 41, no. 8, October, 1933. Proposed National Institute of Meteorological Research, Pan-American Geologist, vol. 44, September, 1935.

Object: To promote the discovery, collection, investigation, and preservation of meteorites, and to advance the science of meteoritics and related sciences through the increase and diffusion of knowledge concerning meteorites and meteors.

Membership: Members, Fellows, and Patrons. Entrance fee \$1, annual dues \$2. Total membership 127. List of members available.

Meetings: Annual, with the American Association for the Advancement of Science.

Publications: Contributions of the Society for Research on Meteorites, monthly, in Popular Astronomy, bound and reissued annually, 1-6, 1935-1941, price \$2, free to members.

1104. *Society for the Advancement of Education, Inc.* 425 West 123rd Street, New York, N. Y. *Chairman of the Trustees:* Frank Pierpont Graves. *Secretary:* William C. Bagley. Term of Chairman, elected for four years, expires February, 1945; of Secretary, indefinite.

History: Incorporated under the laws of the State of New York, October 30, 1939.

Object: To insure the continuance of the publication known as School and Society, and to foster other related enterprises designed to advance the interests of education.

Membership: Active members, entrance fee \$3.50, annual dues \$3.50; Sustaining, \$5, \$5; Charter. Total membership 3,000.

Meetings: Annual.

Publications: School and Society, weekly, 1-54, 1915-1941.

1105. *Society for the Advancement of Management.* 29 West 39th Street, New York, N. Y. *President:* J. K. Loudon. *Secretary:* Asa S. Knowles. Officers elected for one year; terms expire December, 1942.

History: Formed by a merger of the Taylor Society and the Society of Industrial Engineers, January, 1936. *Sections:* There are local chapters in various sections of the country. The Society has the following technical divisions: Administration, Distribution, Finance Management, Industrial Relations, Office Management, Production, Psychology, Standardization, and Time and Motion Study.

Object: To forward the elimination of waste and the development of efficiency through the

study and application of scientific principles and methods of management.

Membership: Members, entrance fee \$5, annual dues \$12.50; Associate members, \$5, \$10; Junior members, \$5, \$7.50; Life members, one payment of \$200; Firm members, \$20 for a minimum of two representatives, \$10 for each additional representative; Student members, annual dues \$2.50 to \$3.50.

Meetings: Annual, in New York; and a meeting in the spring with one of the chapters.

Library: 500 volumes concerning management.

Research funds, medals, etc.: GEORGE T. TRUNDLE JR. TROPHY, awarded to an outstanding student branch. GILBRETH MEDAL, awarded to the person who has accomplished the most in terms of time and motion study for that year. TAYLOR KEY, awarded to persons who have done the most to advance scientific management in the year. HARRINGTON EMERSON TROPHY, awarded each year to the chapter showing the best record of activities and having made the highest contribution toward advancing the science of management. R. I. REES PRIZE of \$50, and a certificate, awarded to the student member of the Society who submits the best research in a field of his own choosing under the general heading of management.

Publications: Advanced Management, 1-6, 1930-1941, price \$6 per year; free to members; until 1939, published as the Society for the Advancement of Management Journal.

1106. Society for the Advancement of Research.

College of Agriculture, University of the Philippines, Agricultural College, Laguna, P. I. **President:** Antonio P. Racelis, School of Forestry, University of the Philippines, Laguna, P. I. **Secretary:** Felipe M. Salvoza, School of Forestry, University of the Philippines, Laguna, P. I. Term of President, elected for one year, expires March, 1942; of Secretary, elected for three years, March, 1942.

History: Organized September 11, 1928; formally inaugurated September 10, 1930.

Object: To encourage original investigation in pure and applied science, by meeting for discussion of scientific subjects, and by establishing fraternal relations among investigators in scientific matters.

Membership: Charter members, all the members of Sigma Xi residing in the Agricultural College who signed the constitution on or before the inauguration date of the Society; Active, charter members and those who may be elected to active membership by the Society, and other members of Sigma Xi who may become active members upon invitation and payment of dues; Associate, senior students who have received or are expected to receive the

baccalaureate degree within the academic year in which their names are proposed for election. Entrance fee \$2.50 except when an Associate is elected to active membership, when he is not required to pay another fee; annual dues 50 cents. Total membership 84.

Meetings: Irregular, at the most twice yearly, in the Agricultural College.

Society for the Prevention of Asphyxial Death, Inc. See No. 1269 in Addenda.

1107. Society for the Promotion of Engineering Education.

University of Pittsburgh, Pittsburgh, Pa. **President:** A. H. White, University of Michigan, Ann Arbor, Mich. **Secretary:** F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa. Officers elected for one year; terms expire June, 1942.

History: Organized 1893.

Object: The promotion of engineering education.

Membership: Institutional members, annual dues \$15; Individual members, \$5. Total membership 3,400.

Meetings: Annual.

Research funds, medals, etc.: LAMME MEDAL, given by Benjamin G. Lamme, for advancement in the art of teaching, capital \$5,000.

Publications: Journal of Engineering Education, monthly, from September to June inclusive, 1-31, 1910-1941, price \$3, free to members; vols. 1-6, no. 7, 1910-March, 1916, as Bulletin; vol. 6, no. 8-vol. 14, no. 12, April, 1916-June, 1924, as Engineering Education. Yearbook.

1108. Society for the Protection of New Hampshire Forests.

9 Capitol Street, Concord, N. H. **President:** Allen Hollis, 17 Capitol Street, Concord, N. H. **Secretary:** Edgar C. Hirst, 20 North Main Street, Concord, N. H. Officers elected for one year; terms expire 1941. **Forester:** Lawrance W. Rathbun.

History: Founded February, 1901; incorporated March 3, 1910. **Reference:** Forty Years of Forestry, Appalachia, December, 1940.

Object: The conservation of natural resources; the preservation and planting of forests for commercial use; and the planting and care of trees for shade, ornament, and utility.

Membership: Five classes of members; annual dues \$1, \$5, \$10, \$25, and \$100. Total membership 2,500.

Meetings: Annual, at various places.

Publications: Forest Notes, quarterly, 1-5, 1937-1941, free to members.

1109. Society for the Psychological Study of Social Issues.

Chairman: Kurt Lewin, University of Iowa, Ames, Iowa. **Secretary:** Theodore Newcomb, University of Michigan,

Ann Arbor, Mich. Term of Chairman, elected for one year, expires September, 1944.

History: Organized September, 1936, at the annual meeting of the American Psychological Association held at Dartmouth College, Hanover, N. H. Affiliated with the American Psychological Association, 1937.

Object: To work effectively for both the immediate and ultimate freedom of psychology to do its utmost to make contemporary American society intelligible to its members, and to test hypotheses regarding social change. The Society also is a body for the promotion and protection, by any means decided upon by its membership, of psychological research on controversial topics, especially those related to the central fields of economics and politics; and for the encouragement of the application of the findings of psychology to the problems of society.

Membership: Limited to members and associates of the American Psychological Association and such social scientists and members of related learned societies as promise to aid the Society in attaining its objectives. Annual dues \$2. Total membership 258. List of members published in Yearbook of the American Psychological Association.

Meetings: Annual, held at the time and place of the annual meeting of the American Psychological Association.

Publications: Bulletin, quarterly, 1-5, 1937-1941, price \$1, free to members; published as a supplement to the Journal of Social Psychology.

1110. Society for the Study of Asthma and Allied Conditions. *President:* Matthew Walzer, Brooklyn, N. Y. *Secretary:* W. C. Spain, 116 East 53rd Street, New York, N. Y. Terms of officers, elected for one year, expire May, 1942.

Object: The study of allergic conditions.

Membership: Annual dues \$5. Total membership 174.

Meetings: Semiannual.

Publications: Journal of Allergy, bimonthly, 1929-1941.

1111. Society for the Study of Development and Growth. *President:* Paul A. Weiss, University of Chicago, Chicago, Ill. *Secretary:* Kenneth V. Thimann, Harvard University, Cambridge, Mass. Term of President, elected for one year, expires July, 1942; of Secretary, elected for two years, 1943.

History: Organized August, 1939.

Object: To conduct symposia on development and growth.

Membership: Annual dues \$2.50. Total membership 250.

Meetings: Annual.

Publications: Proceedings, annual, 1-3, 1939-1941, free to members; appears as a supplement to the journal, "Growth".

1112. Society for the Study of Speciation. *Secretary:* Alfred E. Emerson, University of Chicago, Chicago, Ill.

History: Organized 1940.

Object: To institute an informal information service which will tend to correlate the work of students of speciation, including any phase of evolution that contributes to the central problems of the origin of the species.

Membership: Annual dues \$1. Total membership 250. List of members available for \$1.

Meetings: No formal meetings scheduled.

1113. Society of American Bacteriologists. *President:* Selman A. Waksman, Rutgers University, New Brunswick, N. J. *Secretary:* William B. Sarles, University of Wisconsin, Madison, Wis. Officers elected for one year; terms expire January, 1943.

History: Founded 1900. There are twenty local branches.

Object: To promote the science of bacteriology, to bring together American bacteriologists, to demonstrate and discuss bacteriological methods, and to consider subjects of common interest.

Membership: Active members, annual dues \$7.50; Sustaining, \$50; Honorary, Corresponding, and Retired members. Total membership 1,500. List of members available.

Meetings: Annual.

Research funds, medals, etc.: ELI LILLY AND COMPANY RESEARCH AWARD IN BACTERIOLOGY AND IMMUNOLOGY, awarded in recognition of and to stimulate meritorious work among young men and women, \$1,000 award each year for three years.

Publications: Journal of Bacteriology and Bacteriological Reviews, monthly, 1- , 1916- , price \$10, free to members.

1114. Society of American Foresters. 825 Mills Building, 17th Street and Pennsylvania Avenue, N. W., Washington, D. C. *President:* Henry Schmitz, University of Minnesota, St. Paul, Minn. *Secretary:* Henry E. Clepper. Officers elected for two years; terms expire December, 1943.

History: Organized November 30, 1900.

Sections: Allegheny, Appalachian, Central Rocky Mountain, Central States, Columbia River, Gulf States, Intermountain, Minnesota, New England, New York, Northern California, Northern Rocky Mountain, Ozark, Puget Sound, Southeastern, Southern California, Southwestern, Upper Michigan, Washington, and Wisconsin. **Reference:** The Society of American

Foresters: An Historical Summary, by Ralph S. Hosmer, Journal of Forestry, November, 1940.

Object: To represent, advance, and protect the interests and standards of the profession of forestry; to provide a medium for exchange of professional thought; and to promote the science, practice, and standards of forestry in America.

Membership: Junior members, 2,696, annual dues \$6; Senior members, 1,555, \$8; Fellows, 27, \$8; Associates, 102, \$5; Affiliates, 122, \$5; Honorary and Corresponding members, 39. Total membership 4,541.

Meetings: Annual, at different places.

Publications: Journal of Forestry, monthly, 1-39, 1902-1941, price \$5, free to members. Proceedings, 1-11, 1905-1916.

1115. Society of American Military Engineers. 808 Mills Building, Washington, D. C. **President:** Rear Admiral Ben Moreell, Chief, Bureau of Yards and Docks, Navy Department, Washington, D. C. **Secretary:** Colonel J. Franklin Bell. Officers elected for one year; terms expire May, 1942.

History: Formed 1919; incorporated December 5, 1924, under the laws of the District of Columbia. **Sections:** Local Posts.

Object: To promote the national defense by the advancement of knowledge of the science of military engineering; and to procure, preserve, perpetuate, and disseminate knowledge and information relating to military engineering and the objects for which the Society is formed.

Membership: Military engineer members; Military members, Engineer members, Affiliate members, Foreign members; annual dues \$4.50; Student members, \$1.25; Recent Graduates, \$2.25; Life members, payment of \$75. Total membership 11,500.

Meetings: Annual meeting held in Washington, D. C.; local posts meet frequently, usually once a month.

Library: Approximately 150 volumes on military engineering for office use only.

Research funds, medals, etc.: Research work is conducted by U. S. Corps of Engineers. The Society publishes findings and descriptions.

Publications: Military Engineer, 1-33, 1909-1941, price \$4.50, free to members. Published bimonthly, 1920-1941, monthly, September, 1941 to date. Vols. 1-11, 1909-1919, published as Professional Memoirs. Yearbook. Directory of Members, biennial.

1116. Society of Automotive Engineers, Inc. 29 West 39th Street, New York, N. Y. **President:** A. T. Colwell, Thompson Products, Inc., Cleveland, Ohio. **Secretary:** John A. C. Warner. Term of President, elected for one year, expires January, 1942.

History: Informal organization effected 1904; formally organized 1905, as the Society of Automobile Engineers; incorporated 1909. In 1916, the American Society of Aeronautic Engineers and the Society of Tractor Engineers merged with this Society, and the name was changed to the present title. **Geographic Sections:** Baltimore, Buffalo, Canadian (Toronto), Chicago, Cleveland, Dayton, Detroit, Indiana (Indianapolis), Metropolitan (New York), Milwaukee, New England (Boston), Kansas City, Northern California (San Francisco), Northwest (Seattle), Oregon (Portland), Philadelphia, Pittsburgh, St. Louis, Southern New England (Hartford), Southern California (Los Angeles), Syracuse, Washington (D. C.), Wichita. **Professional Activities:** Aircraft Engineering, Aircraft Engine Engineering, Diesel Engine Engineering, Fuels and Lubricants Engineering, Passenger Car Engineering, Passenger Car Body Engineering, Production Engineering, Tractor and Industrial Engineering, Transportation and Maintenance Engineering, Truck and Bus Engineering.

Object: To promote the arts and sciences and the standards and engineering practices connected with the design, construction, and utilization of automotive apparatus, all forms of self-propelled or mechanically-propelled mediums for the transportation of passengers or freight, and internal-combustion prime-movers.

Membership: Members, 3,554, initiation fee \$25, annual dues \$20; Associates, 1,847, \$25, \$20; Juniors, 800, \$10, \$10; Service, 132, \$10, \$15; Foreign, 426, \$10, \$15; Student, 747, none, \$3; Affiliate, 85, \$50, \$20 for each representative. Total membership 6,918. Roster published annually, free, upon request, to members, \$5 to non-members.

Meetings: Annual, usually in Detroit in January; Semiannual or Summer Meeting; National Aeronautic Meeting on the East Coast; National Aircraft Production Meeting on the West Coast; National Fuels and Lubricants Meeting in the Southwest; National Transportation and Maintenance Meeting and National Tractor Meeting. Dates of these meetings vary from year to year.

Library: Approximately 1,200 volumes pertaining to automotive engineering.

Research funds, medals, etc.: HORNING MEMORIAL AWARD, established by Mrs. Harry L. Horning, to be awarded annually or less frequently to the author of the best paper relating to the adaptation of fuels to internal combustion engines, or the adaptation of internal combustion engines to fuels, which shall have been presented at a meeting of the Society or any of its sections, during any calendar year. MANLY MEMORIAL MEDAL, established by associates of Charles Matthews Manly, to be awarded annually to the author of the best paper relating

to theory or practice in the design or construction of, or research on, aeronautic power plants and their parts or accessories, which shall have been presented at a meeting of the Society or any of its sections during the calendar year. **WRIGHT BROTHERS MEDAL**, founded by the Dayton Section in 1924, to be awarded annually by the Society to the author of the best paper on aerodynamics or structural theory or research, or airplane design or construction, which shall have been presented at a meeting of the Society or any of its sections during the calendar year.

Publications: Transactions, 1907-1940, price \$10, to members \$2. Bulletin, 1911-1917; continued as SAE Journal, 1917-1941, price \$10, included in dues of members. SAE Handbook of Standards, price \$5, included in dues of members.

1117. Society of Biblical Literature and Exegesis. *President:* Kirsopp Lake, 522 Oakley Road, Haverford, Pa. *Secretary:* John W. Flight, Haverford College, Haverford, Pa. Term of President, elected for one year, expires December, 1942; of Secretary, indefinite.

History: Organized in New York City in 1880. **Sections:** Mid-Western, with headquarters in Chicago, and Canadian, with headquarters in Toronto. The Society is a constituent member of the American Council of Learned Societies.

Object: To stimulate the critical study of the Scriptures by presenting, discussing, and publishing original papers on Biblical subjects, including research on philology, linguistics, archaeology, textual history, and geography as related to the Near East.

Membership: Active members, annual dues \$3.50. Honorary members are especially distinguished scholars of other than American nationality. Total membership 606.

Meetings: Annual, in New York City.

Research funds, medals, etc.: Three-year prize memberships are awarded to promising young Biblical scholars (twenty a year).

Publications: Journal of Biblical Literature, quarterly, 1-60, 1881-1941, price \$5, free to members.

1118. Society of Chemical Industry. American Section. *Secretary:* Cyril S. Kimball, 305 Washington Street, Brooklyn, N. Y. Term of Secretary, elected for one year, expires July, 1942.

History: The American Section of the Society of Chemical Industry is, as the name implies, the American branch of a Society originally English, and having sections in all parts of the English-speaking world. The headquarters of the Society is Clifton House, Euston Road, London, N.W. 1, England. The Society was organized in 1881, and the American Section, in 1894.

Object: The promotion of industrial chemistry.

Membership: Annual dues £3, approximately \$12.25. Full, Associate, and Junior members. Requirement for membership is chemical education and experience. Total membership of the American Section, 450. List of members published every five years.

Meetings: Six meetings are held annually, including five which are held jointly with the New York Section of the American Chemical Society, at the Chemists Club, New York City. The meetings of the whole Society are generally held abroad, but occasionally in America.

Research funds, medals, etc.: PERKIN MEDAL, awarded annually for the most valuable work in applied chemistry. CHEMICAL INDUSTRY MEDAL, awarded annually to a person making a valuable application of chemical research to industry.

Publications: The parent Society publishes Chemistry and Industry, a subscription to which is included in dues of members of the American Section. Annual Reports on the Progress of Applied Chemistry is also published by the parent Society.

1119. Society of Clinical Surgery. *President:* Elliott C. Cutler, 721 Huntington Avenue, Boston, Mass. *Secretary:* Charles C. Lund, 319 Longwood Avenue, Boston, Mass. Officers elected for two years; terms expire November, 1943.

History: Organized 1903.

Object: The advancement of surgery, the stimulation of members to work along lines of original thought and investigation, and the development of surgical teaching.

Membership: Active members, 40; Senior members. Membership list available.

Meetings: Semiannual, at various places.

Publications: Reports of Meetings. Triennial Catalogue.

1120. Society of Economic Geologists, Inc. *President:* Alan M. Bateman, Yale University, New Haven, Conn. *Secretary:* W. D. Johnston, Jr., U. S. Geological Survey, Washington, D. C. Term of President, elected for one year, expires January, 1942; Secretary appointed by the Council for an indefinite period.

History: Founded 1920; incorporated November 21, 1930.

Object: The advancement of the science of geology in its application to mining and other industries.

Membership: Charter members and Elected members. Entrance fee \$5, annual dues \$5. Total membership 416.

Meetings: Annual, alternately with the Geological Society of America during Christmas

week, or with the American Institute of Mechanical Engineers in New York, in February.

Research funds, medals, etc.: PENROSE MEDAL FUND, capital \$2,500, about \$100 of which is available for an award in recognition of unusually original work in the earth sciences.

Publications: Economic Geology, 8 issues annually, 1-36, 1909-1941, price \$5, free to members. Summary of Proceedings, published at intervals of about five years; the latest issue covers the period 1937-1939.

1121. Society of Economic Paleontologists and Mineralogists. Box 979, Tulsa, Okla. *President:* Herschel L. Driver, Standard Oil Company of California, Los Angeles, Calif. *Secretary:* Henryk B. Stenzel, University of Texas, Austin, Tex. Officers elected for one year; terms expire March, 1943.

History: Organized 1926 at the annual meeting of the American Association of Petroleum Geologists, with which this Society is associated. *Reference:* Journal of Paleontology, 1, no. 1, 1927.

Object: To promote the science of stratigraphy through research in paleontology and sedimentary petrography, especially as these relate to the development of knowledge of the geology of petroleum.

Membership: Active members, who are members or associate members of the American Association of Petroleum Geologists engaged in paleontologic, petrographic, or stratigraphic studies as applied to the geology of petroleum, 254; Associate members, persons engaged in such studies but not members of the Association, 81; Honorary members, persons of distinguished achievement in such studies, no dues. Annual dues, \$6 for those taking the Journal of Paleontology, \$3 for those taking the Journal of Sedimentary Petrology, and \$8 for those taking both journals. Total membership 335. List of members published annually in the second number of each volume of the Journal of Paleontology, price \$2.

Meetings: Annual.

Publications: Journal of Paleontology, issued 4 times a year, 1-15, 1927-1941, price \$6. Journal of Sedimentary Petrology, issued 3 times a year, 1-11, 1931-1941, price \$3.

1122. Society of Engineers of Eastern New York. *President:* Frank I. Langwig, 78 North Pine Avenue, Albany, N. Y. *Secretary:* Arthur Bibb, 475 Ninth Street, Troy, N. Y. Term of President, elected for one year, expires April, 1942; Secretary appointed annually.

History: Organized 1904.

Object: The advancement of engineering, the professional improvement of members, and the encouragement of social intercourse.

Membership: Annual dues \$3. Total membership 150.

Meetings: The second Wednesday of every month, from October to April inclusive, at Troy, Albany, and Schenectady.

1123. Society of Experimental Psychologists, Inc. *President:* Frank A. Geldard, University of Virginia, University, Va. *Secretary:* Samuel W. Fernberger, University of Pennsylvania, Philadelphia, Pa. Term of President, elected for one year, expires April, 1942; of Secretary, elected for three years, 1944.

History: Organized 1904 as Experimentalists; name changed to present title in 1929, and incorporated in 1936. *Reference:* The Society of Experimental Psychologists, 1904-1938, by E. G. Boring, American Journal of Psychology, 51: 410-421, 1938.

Object: To advance psychology by arranging informal conferences on experimental methodology.

Membership: Limited to persons engaged in the advancement of experimental psychology. A member who has reached the age of sixty-five shall automatically become a fellow. Present number of Fellows, 9. Annual dues \$1. Total membership 49; limited to 50. List of members available.

Meetings: Annual, at various universities.

Research funds, medals, etc.: HOWARD CROSBY WARREN MEDAL, established 1936, awarded for contributions to the advancement of experimental psychology; capital \$1,000, income \$25 annually.

Publications: Yearbook, mimeographed.

1124. Society of Exploration Geophysicists. P. O. Box 777, Austin, Tex. *President:* H. B. Peacock, 825 Esperson Building, Houston, Tex. *Secretary:* W. M. Rust, Jr., P. O. Box 2180, Houston, Tex. Officers elected for one year; terms expire April, 1942.

History: Organized 1930 as the Society of Petroleum Geophysicists; name changed 1937 to present title.

Object: To promote the science of geophysics, especially as it applies to exploration.

Membership: Active members, 700, entrance fee \$5, annual dues \$5; Associate, 188, \$4, \$4; Student, \$3, \$3. Total membership 892. Membership list available.

Meetings: Annual, at different places.

Publications: Geophysics, quarterly, 1-12, 1931-1941, price \$6, included in dues of members. Vols. 1-5, 1931-1935 were published as Transactions of the Society of Petroleum Geophysicists; vol. 6, 1935, as Journal of the Society of Petroleum Geophysicists.

1125. Society of Medical History of Chicago. John Crerar Library, 86 East Randolph Street, Chicago, Ill. *President:* Ernest E. Irons, 122 South Michigan Boulevard, Chicago, Ill. *Secretary:* George H. Coleman, 122 South Michigan Boulevard, Chicago, Ill. Officers elected for an indefinite period.

History: Organized 1910.

Object: To secure and preserve matters pertaining to the history of medical institutions, organizations, and individuals, particularly of Chicago and the adjacent country; and to stimulate interest in medical history in general.

Membership: Resident, Non-resident, and Honorary members. Annual dues \$3. Total membership 180.

Meetings: Annual, at the John Crerar Library.

Publications: Bulletin, irregular, 1-5, 1911-1940, price \$3, free to members.

1126. Society of Medical Jurisprudence. New York Academy of Medicine, New York, N. Y. *President:* Gustave J. Noback, 477 First Avenue, New York, N. Y. *Secretary:* Edward T. Welch, 72 Wall Street, New York, N. Y. Officers elected for one year; terms expire December 30, 1942.

History: Organized and incorporated March 6, 1883.

Object: The investigation, study, and advancement of the science of medical jurisprudence and state medicine, and the attainment of a higher standard of medical testimony.

Membership: Members must be physicians, lawyers, or chemists of good standing. Entrance fee \$3, annual dues \$2. Total membership 325. List of members available.

Meetings: Monthly, at the New York Academy of Medicine.

Publications: Proceedings, irregular.

1127. Society of Motion Picture Engineers. Hotel Pennsylvania, New York, N. Y. *President:* Emery Huse, 6706 Santa Monica Boulevard, Hollywood, Calif. *Secretary:* Paul J. Larsen, 1401 Sheridan Street, N.W., Washington, D. C. Terms of officers expire January, 1943.

History: Organized 1916; incorporated in the District of Columbia.

Object: Advancement in the theory and practice of motion picture engineering and the allied arts and sciences, the standardization of the mechanisms and practices employed therein, and the maintenance of a high professional standing among its members.

Membership: Associate members, annual dues \$7.50; Active, \$15; Fellows, \$15. Total membership 1,400. List of members available for \$8.

Meetings: Semiannual conventions, at selected places.

Research funds, medals, etc.: **PROGRESS MEDAL**, awarded annually to an individual in recognition of any invention, research, or development which in the opinion of the Progress Award Committee shall have resulted in a significant advance in the development of motion picture technology. **JOURNAL AWARD**, awarded annually to an individual for the most outstanding paper published in the Journal during the preceding calendar year.

Publications: Journal, monthly, 1-36, 1916-1941, price \$8, free to members.

1128. Society of Natural History of Delaware. Museum, Cool Spring Park, Wilmington, Del. *President:* Philip G. Rhoads, J. E. Rhoads and Sons, Wilmington, Del. *Secretary:* Emma Eckman, Wilmington Public Library, Wilmington, Del. Officers elected for one year; terms expire January, 1943.

History: Established 1891; incorporated 1919.

Object: The cultivation and study of the natural sciences, and their encouragement.

Membership: Annual dues \$2. Total membership 110.

Meetings: Monthly, from October to June, in the Lecture Hall of the Public Library.

Library: Approximately 658 volumes on natural history.

1129. Society of Naval Architects and Marine Engineers. 29 West 30th Street, New York, N. Y. *President:* Rear Admiral Emory S. Land, USN, Retired. *Secretary:* J. H. King. Term of President, elected for two years, expires December, 1942; Secretary elected annually.

History: Founded and incorporated in 1893.

Object: The promotion of the art and science of shipbuilding, both governmental and commercial, in the United States of America.

Membership: Members, 1,269, entrance fee \$15, annual dues \$15; Associate members, 219, \$5, \$15; Associates, 415, \$15, \$15; Junior members, 201, annual dues \$10; Special members, 14, \$10, if membership is retained after resignation or retirement from Government office; Honorary Vice-Presidents, 14; Honorary members, 10; Permanent members, 3; Life members, 7; Life Associates, 2; Non-paying members, 20. Foreign membership includes: Affiliate members, 17, Affiliate Associate members, 1, and Affiliate Associates, 3; annual dues \$15. Foreign Affiliate Junior members, 1, annual dues \$7.50. Total membership 2,196. Membership list available for \$5.

Meetings: Annual, in New York City, in November; spring meeting, usually in May, in various places.

Research funds, medals, etc.: ENDOWMENT FUND, capital \$145,716, the income from which is used for prizes, scholarship awards, special research, and the sponsorship and publication of books and reports. Among the special awards is the DAVID W. TAYLOR GOLD MEDAL, which is awarded for notable achievement in naval architecture and marine engineering. The sum of \$1,500 was bequeathed by the late Captain J. H. Linnard, USN, Retired, in 1933. The income from this fund is used for the awarding of money prizes for excellence in papers contributed to the proceedings of the Society.

Publications: Transactions, 1-48, 1893-1940, price \$10, free to members. Year Book, price \$5, free to members.

1130. Society of Neurological Surgeons. *President:* J. J. Keegan, 107 South 17th Street, Omaha, Nebr. *Secretary:* W. McK. Craig, Mayo Clinic, Rochester, Minn. Terms of officers expire June, 1942.

History: Organized 1920.

Object: The development of neurological surgery; and the education of the medical profession, and particularly of surgeons, in the recognition of the fact that neurological surgery requires special training in addition to that of general surgery.

Membership: Limited to 45. Members shall have devoted special study to some phase of surgery of the nervous system and shall have demonstrated this by publications. Active members, annual dues \$10; Senior, no dues. List of members available.

Meetings: Annual, at the clinics of the members.

1131. Society of Rheology. 175 Fifth Avenue, New York, N. Y. *President:* Hermann Mark, Brooklyn Polytechnic Institute, Brooklyn, N. Y. *Secretary:* R. B. Dow, Aberdeen Proving Ground, Md. Terms expire October, 1944.

History: Organized at Columbus, Ohio, in 1929. The Society has been a member of the American Institute of Physics since 1931.

Object: The advancement of knowledge concerning the deformation and flow of matter.

Membership: Sustaining members, annual dues \$25 or more, including subscriptions to the Rheology Bulletin, the Journal of Applied Physics, and the Review of Scientific Instruments. Subscribing members, \$7, including subscriptions to the Rheology Bulletin and the Journal of Applied Physics; Members, \$2, including a subscription to the Rheology Bulletin. Total membership 150.

Meetings: Annual.

Publications: Journal of Rheology, 1-4, 1929-1932; continued in the quarterly rheology issues of Physics, 1933-1936. Rheology Leaflet;

name changed in 1941 to Rheology Bulletin, quarterly, free to members.

1132. Society of the Sigma Xi. Yale University, New Haven, Conn. *President:* R. A. Gortner, University of Minnesota, Minneapolis, Minn. *Secretary:* G. A. Bait-sell. Officers elected for two years; terms expire December, 1943.

History: Organized at Cornell University in 1886. There are now eighty-one chapters at universities and research institutions in the United States and Canada. *References:* Quarter Century Record and History, 1911. Half Century Record and History, 1936.

Object: The promotion of research in science.

Membership: Members, those who have completed research work; Associates, those who have shown ability in research. Dues are the function of local chapters. Total membership, over 40,000. Membership list available for \$3.50.

Meetings: Annual, with the American Association for the Advancement of Science.

Research funds, medals, etc.: RESEARCH ENDOWMENT, \$40,000, maintained by voluntary contributions from members and associates; income used for grants-in-aid of research. NATIONAL SIGMA XI LECTURESHIPS, five given each year and published biennially as "Science in Progress" by the Yale University Press.

Publications: Sigma Xi Quarterly, 1-20, 1912-1941, price \$1. Active members receive the Quarterly by annual assessment of chapters.

1133. Society of Vertebrate Paleontology. *President:* G. G. Simpson, American Museum of Natural History, New York, N. Y. *Secretary:* G. L. Jepsen, Princeton University, Princeton, N. J. Officers elected for one year; terms expire March, 1943.

History: Formed at Cambridge, Mass., December 28, 1940. *Reference:* News Bulletins, March 20 and May 20, 1941.

Object: The promotion of the science of vertebrate paleontology and of the interests of those concerned with the science in any way.

Membership: Members and Foreign members, annual dues \$1. Total membership 189.

Meetings: Annual; special meetings.

Publications: News Bulletin, irregular, 1941-, price \$1, free to members.

1134. Society of Woman Geographers. 232 Barr Building, Washington, D. C. *President:* Frances Carpenter Huntington.

History: Founded March, 1925, in New York City.

Object: Organized as a medium of contact between women engaged in geographical work

and its allied sciences—ethnology, archaeology, botany, natural history, sociology, folklore, arts and crafts, etc.

Membership: Active members, those who have done distinctive work whereby they have added to the world's store of knowledge concerning the countries on which they have specialized, and who have published or produced in some other permanent form, a record of their work, annual dues \$5; Corresponding members, those who fulfill the requirements for Active membership, but who reside outside the United States or Canada, no annual dues; Associate members, widely traveled women who are interested in furthering all forms of geographical exploration and research, annual dues \$25. List of members in Bulletin.

Meetings: Group meetings are held approximately once a month in New York City, Chicago, and Washington, D. C.

Library: 400 books and numerous pamphlets.

Publications: Bulletin, annual, free to members.

1135. Soil Science Society of America. *President:* Horace J. Harper, Oklahoma Agricultural and Mechanical College, Stillwater, Okla. *Secretary:* Firman E. Bear, Rutgers University, New Brunswick, N. J. Officers elected for one year; terms expire November, 1942.

History: Organized 1936, replacing the American Soil Survey Association and including the Soils Section of the American Society of Agronomy.

Object: To promote the study of soils and their use.

Membership: Annual dues \$4.50 with the Proceedings, \$1 without the Proceedings. Total membership 500.

Meetings: Annual.

Publications: Proceedings, 1-5, 1936-1941.

1136. Soil Science Society of Florida. Soils Department, University of Florida, Gainesville, Fla. *President:* F. B. Smith, University of Florida, Gainesville, Fla. *Secretary-Treasurer:* R. V. Allison. Term of President, elected for one year, expires April, 1942; Secretary appointed annually.

History: Organized April 18, 1939, at Hollywood, Fla.

Object: The development and application of soil science.

Membership: Active and Sustaining members. Entrance fee \$1, annual dues \$1. Total membership 575. List of members available.

Meetings: Annual.

Publications: Proceedings, annual, 1939-1940, price \$1, free to members.

1137. South Atlantic Association of Obstetricians and Gynecologists. *President:* R. A. Bartholomew, Atlanta, Ga. *Secretary:* Robert A. Ross, School of Medicine, Duke University, Durham, N. C. Officers elected for one year; terms expire February, 1942.

History: Organized February, 1938. Sections: Virginia, North Carolina, South Carolina, Georgia, and Florida.

Object: To encourage the study, improve the practice, and advance the cause of obstetrics and gynecology; to promote the development of the professional interests and to encourage friendship among such specialists in this area, and, through invitation to its membership, to grant recognition of special knowledge in obstetrics and gynecology to those who show themselves to be duly qualified.

Membership: Active, Emeritus, and Honorary members. Entrance fee \$25, Annual dues \$10. Total membership 95; limited to 150. List of members available.

Meetings: Annual.

Research funds, medals, etc.: ENDOWMENT FUND, to encourage and promote research and study in problems connected with obstetrics or gynecology.

Publications: The official journal of the Association is the American Journal of Obstetrics and Gynecology.

1138. South Carolina Academy of Science. University of South Carolina, Columbia, S. C. *President:* F. W. Kinard, Medical College of South Carolina, Charleston, S. C. *Secretary:* C. F. Poole, Box 844, Charleston, S. C. Officers elected for one year; terms expire April, 1942.

History: Founded 1924.

Object: To encourage scientific research, to promote the diffusion of useful knowledge, to unify the scientific interests of the State, and to investigate and report on any subject of science or industrial art when called upon by any department of the Government.

Membership: Anyone interested in science is eligible. Annual dues \$1. Total membership 266. List of members published annually in the Bulletin.

Meetings: Annual.

Research funds, medals, etc.: Grant of \$50 annually from the American Association for the Advancement of Science. JEFFERSON AWARD, of \$50 annually, for outstanding research during the current year.

Publications: Bulletin, annual, 1-6, 1935-1941, free to members.

1139. South Carolina Medical Association. *President:* G. M. Truluck, Orangeburg, S. C. *Secretary:* Julian P. Price, Florence,

S. C. Officers elected for one year; terms expire April, 1942.

History: Organized at the State Medical Convention in 1848.

Object: To unite the medical profession of the State for social, material, and scientific betterment; to protect the interests of its members; and to enlighten and direct public opinion with regard to medical problems.

Membership: Full and Honorary members. Annual dues \$3. Total membership 900.

Meetings: Annual.

Publications: Journal, monthly, 1-37, 1905-1941, price \$3.

1140. South Carolina Public Health Association.

President: A. W. Humphries, County Health Department, Camden, S. C. *Secretary:* Mrs. Frank George, State Board of Health, Columbia, S. C. Officers elected for one year; terms expire May 30, 1942.

Object: To promote interest and better working relationships among public health workers, as well as to widen their knowledge of public health procedures and practices.

Membership: Annual dues \$1. Total membership 310. List of members available.

Meetings: Annual.

1141. South Carolina Society of Engineers.

President: E. L. Clarke, Box 3, Clemson, S. C. *Secretary:* Albert E. Johnson, U. S. Court House, Columbia, S. C. Officers elected for one year; terms expire January, 1943.

History: Organized November, 1929.

Object: To maintain a high professional standing among the members, to advance the arts and sciences, and to work for the welfare of the State.

Membership: Members, entrance fee \$3, annual dues \$3; Associate, \$3, \$3; Junior, \$1.50, \$1.50. Total membership 325. List of members available.

Meetings: Semiannual.

Publications: South Carolina Engineer, quarterly, 1- , 1936- , free to members.

1142. South Dakota Academy of Science.

President: Henry Lowsma, Madison, S. Dak. *Secretary:* A. L. Haines, 224 Cherry Street, Vermillion, S. Dak. Officers elected for one year; terms expire May 1, 1942.

History: Organized November 22, 1915.

Object: The promotion of scientific research, the diffusion of scientific knowledge and of the scientific spirit, and the unification of the scientific interests of the State.

Membership: Entrance fee \$1, annual dues \$1. Total membership 71. List of members available.

Meetings: Annual, at various educational institutions.

Publications: Proceedings, annual, 1-20, 1916-1941, free to members and on exchange.

1143. South Dakota Society of Engineers and Architects.

President: L. D. Howard, Pierre, S. Dak. *Secretary:* J. C. Robinson, Pierre, S. Dak. Officers elected for one year; terms expire December, 1942.

History: Organized 1918. *Reference:* A History of Engineering and Architectural Societies in South Dakota, by Edward K. Mather, Proceedings, 1937, pages 26 to 31.

Membership: Active, Junior, Corporate, Associate, Affiliate, and Honorary members. Total membership 67.

Meetings: Annual.

1144. South Dakota State Horticultural Society.

President: George W. Gurney, Yankton, S. Dak. *Secretary:* W. A. Simmons, Court House, Sioux Falls, S. Dak. Officers elected for one year; terms expire November, 1943.

History: Organized at Huron, S. Dak., December 18, 1884, as the Horticultural and Forestry Association of Dakota; name changed to present title after statehood was attained, January 9, 1890.

Object: The collection and dissemination of horticultural information, the organization of garden clubs, and the encouragement of flower shows.

Membership: Life members, 310, \$10; Annual members, 122, \$1. List of members available.

Library: 589 volumes on horticulture.

Publications: North and South Dakota Horticulture, monthly, 1-14, 1929-1941, price 50 cents, free to members. Annual Report.

1145. South Dakota State Medical Association.

President: B. M. Hart, Onida, S. Dak. *Secretary:* C. E. Sherwood, Madison, S. Dak. Term of President, elected for one year, expires 1942; of Secretary, elected for three years, 1943.

History: Organized 1882, and incorporated May 29, 1891, as the South Dakota State Medical Society; name changed to present title April 2, 1906.

Object: To promote the science and art of medicine, the protection of public health, and the betterment of the medical profession.

Membership: Active, Affiliate, and Associate members. Members must be duly licensed to practice medicine in South Dakota. Annual dues \$10. Total membership 320.

Meetings: Annual.

Research funds, medals, etc.: SPAFFORD MEMORIAL, for a fellowship in the University of South Dakota.

Publications: Proceedings, 1-25, 1882-1906. The Journal-Lancet is now the official publication for the Association.

1146. South Louisiana Geological Society. *President:* Harry Killian, Union Sulphur Company, Sulphur, La. *Secretary:* Roy A. Payne, Box 972, Lake Charles, La. Officers elected for one year; terms expire January, 1943.

History: Organized 1936.

Object: To promote the science of geology as it is related to South Louisiana; and to promote fellowship and cooperation among geologists, petroleum engineers, and others vitally interested in geological problems.

Membership: Annual dues \$3. Total membership 60.

Meetings: Monthly, except during the summer, at Lake Charles, La.

1147. South Texas Geological Society. *President:* Gentry Kidd, 11th Floor Milam Building, San Antonio, Tex. *Secretary:* W. W. Hammond, 1704 Alamo National Building, San Antonio, Tex. Officers elected for one year; terms expire March, 1942.

History: Organized April 22, 1929; name changed to present title from the San Antonio Geological Society in March, 1937.

Object: To promote the science of geology, especially as it relates to oil and gas, and to other natural resources of South Texas; and to foster fellowship among the members.

Membership: Members must be members of the American Association of Petroleum Geologists, or eligible for membership therein. Annual dues \$2.50. Total membership 268.

Meetings: Monthly.

Library: 500 volumes on petroleum geology, particularly that of southern Texas.

Publications: Articles written by members are published through the American Association of Petroleum Geologists.

1148. Southeastern Surgical Congress. *President:* J. L. Rawls, 708 Medical Arts Building, Norfolk, Va. *Secretary:* B. T. Beasley, 701 Hurt Building, Atlanta, Ga. Term of President, elected for one year, expires March, 1942; of Secretary, elected for three years, March, 1944.

History: Organized 1930.

Object: Postgraduate surgical training.

Membership: Entrance fee \$10, annual dues \$10. Total membership 650. List of members available.

Meetings: Annual, in a place selected by the Executive Council.

Publications: Southern Surgeon, monthly, 1-10, 1931-1941, price \$5.

1149. Southern and Southwestern Railway Club. *President:* George Crowder, Georgia and Florida Railroad, Douglas, Ga. *Secretary:* A. T. Miller, P. O. Box 1205, Atlanta, Ga. Officers elected for one year; terms expire November, 1942.

History: Organized 1890.

Object: Mutual intercourse for the acquirement of knowledge by reports and discussions, and for the improvement of railway operation, construction, and maintenance.

Membership: Active members, entrance fee \$3; Associate members, \$6. Total membership 500.

Meetings: Bimonthly.

Publications: Proceedings, bimonthly, 1-37, 1890-1941, price \$2, free to members.

1150. Southern Appalachian Botanical Club. West Virginia University, Morgantown, W. Va. *President:* H. L. Blomquist, Duke University, Durham, N. C. *Secretary:* Aaron J. Sharp, University of Tennessee, Knoxville, Tenn. Terms expire December, 1942.

History: Organized 1935.

Object: To stimulate botanical activity in the southern Appalachian region.

Membership: Annual dues \$2. Total membership 250.

Meetings: Held at irregular intervals at various places.

Publications: Journal, monthly, except June, July, August, and September, 1-6, 1936-1941, price \$2.

1151. Southern Association for the Advancement of Science. *President:* George H. Boyd, University of Georgia, Athens, Ga. *Secretary:* George D. Palmer, University of Alabama, University, Ala. Term of President, elected for one year, expires March, 1943; of Secretary, elected for three years, 1944.

History: Organized March 20, 1941, in Mobile, Ala. *Reference:* Science, 93: 378-379, 1941.

Object: To organize southern science to cope with southern problems; to recognize the fundamental importance of agricultural, industrial, and academic research, and to develop evidence which would demand a coordinated effort of these three fields in the solving of Southern problems, thus achieving an efficient conservation and exploitation of all natural resources; and to set up a roster of southern research talent.

Meetings: Annual.

1152. Southern Association of Colleges and Secondary Schools. *President:* M. E. Ligon, University of Kentucky, Lexington, Ky. Sec-

retary: Shelton Phelps, Winthrop College, Rock Hill, S. C. Officers elected for one year; terms expire December, 1942.

History: Organized 1895.

Object: To organize southern schools and colleges for cooperation and mutual assistance, to elevate the standard of scholarship and to effect uniformity of entrance requirements, and to develop preparatory schools and separate this work from the colleges.

Membership: Senior colleges, annual dues \$65; junior colleges, \$40; secondary schools, \$10. List of members available.

Meetings: Annual.

Publications: Southern Association Quarterly, 1-5, 1937-1941, price \$4, free to members; the Yearbook is the February issue, price \$1.25.

1153. Southern Association of Conservation Officials. *President:* I. N. Kennedy, Tallahassee, Fla. *Secretary:* W. F. Dearman, Jackson, Miss. Officers elected for one year; terms expire April, 1942.

Object: To hold conferences on wildlife administration problems in the South.

Meetings: Annual, at place selected.

1154. Southern California Academy of Sciences. Los Angeles Museum, Exposition Park, Los Angeles, Calif. *President:* R. H. Swift, 946 South Norton Street, Los Angeles, Calif. *Secretary:* John Adams Comstock. Term of President, elected for one year, expires May, 1942; of Secretary, elected for one year, June, 1942.

History: Organized 1891 as the Southern California Science Association; name changed to present title in 1896; incorporated 1907.

Object: To promote intercourse among those who are cultivating science, to elicit public interest in the results of technical investigation, to study natural features and phenomena, and to conserve material illustrating all phases of science.

Membership: Active members, annual dues \$5; Limited members, \$3; Honorary and Life members. Total membership 200.

Meetings: Ten meetings annually.

Publications: Bulletin, 3 issues a year, 1-40, 1902-1941. Memoirs, 2 issues to date.

1155. Southern California Botanists. *Secretary:* P. J. Rempel, 4440 West 61st Street, Los Angeles, Calif. Term of Secretary, elected for three years, expires June, 1943.

History: Organized November 3, 1934.

Object: To promote the exchange of ideas and to further acquaintance among the botanists of southern California.

Membership: Entrance fee 50 cents, annual dues 50 cents. Total membership 132.

Meetings: Four meetings annually, in various places.

1156. Southern California Physical Therapy Technicians Association. *President:* Elberta Arnold, Rancho Los Amigos, Los Angeles, Calif. *Secretary:* A. H. Carlson, 1702½ East Glenoaks, Glendale, Calif. Officers elected for one year; terms expire March, 1942.

History: The Pacific Therapy Association divided into sections for physicians and technicians in 1940, when the present Association was organized.

Object: To provide advanced studies in physical therapy by means of lectures, demonstrations, etc.

Membership: Annual dues \$2. Total membership 27.

Meetings: Monthly.

1157. Southern California Public Health Association. *President:* T. D. Beckwith, 450 Hilgard Avenue, West Los Angeles, Calif. *Secretary:* Eunice Lamona, 2356 West 22nd Street, Los Angeles, Calif. Term of President, elected for one year, expires February, 1942; of Secretary, elected for two years, February, 1942.

History: Founded 1927; affiliated with the American Public Health Association, November 5, 1927.

Object: To assist in the protection and promotion of public health, to provide for the scientific advancement of members, and to extend and develop the public health movement.

Membership: Active and Associate members, annual dues \$1; Sustaining members, \$25, Honorary members.

Meetings: Annual meeting; five group meetings and six executive meetings.

1158. Southern California Society for Mental Hygiene. 1325 West Adams Boulevard, Los Angeles, Calif. *President:* Earl C. MacInnis, 13840 Riverside Drive, Van Nuys, Calif. *Secretary:* Anna E. Rude, 678 South Ferris, Los Angeles, Calif. Officers elected for one year; terms expire January, 1943.

History: Formed October 6, 1923, under the name of the Mental Hygiene Organization of Los Angeles County; name changed October, 1924, to present title, and incorporated.

Object: To sponsor the Child Guidance Clinic of Los Angeles and Pasadena.

Membership: Total membership 25.

Meetings: Quarterly.

1159. Southern Council of Research. Times Building, Henderson, Tex. *Chairman:* Garland R. Farmer, Henderson, Tex. *Secretary:* Agnes L. Farmer, Henderson, Tex.

History: A non-profit, benevolent, and educational organization, established November 27, 1940. *Sections:* Texas, Louisiana, Mississippi, Florida, Alabama, Georgia, South Carolina, North Carolina, Virginia, Tennessee, Kentucky, and Arkansas.

Object: To carry on research, study, and surveys in economics, industry, sociology, and history leading to the betterment of mankind in the South and the nation.

Membership: Composed of leading editors and educators of the South; membership by invitation.

1160. Southern Gas Association. *President:* H. Carl Wolf, Atlanta Gas and Light Company, Atlanta, Ga. *Secretary:* L. L. Baxter, 28 East Center Street, Fayetteville, Ark. Officers elected for one year; terms expire February, 1942.

History: Organized 1908.

Object: The advancement of the gas industry in the South.

Membership: Annual dues \$4. Total membership 500. List of members available.

Meetings: Annual.

Publications: Southern Gas Association Progress, quarterly, free to members.

1161. Southern Medical Association. *President:* M. Pinson Neal, University of Missouri School of Medicine, Columbia, Mo. *Secretary:* C. P. Loran, 1020 Empire Building, Birmingham, Ala. Term of President, elected for one year, expires November, 1942; of Secretary, 1946.

History: Organized 1906.

Object: The advancement of scientific medicine in the South.

Membership: Entrance fee \$4, annual dues \$4. Total membership 8,199. List of members available for \$4.

Meetings: Annual.

Research funds, medals, etc.: Funds are available for the Committee for Research on Appendicular Diseases. A laboratory is maintained by the Committee on Advertising. The SOUTHERN MEDICAL ASSOCIATION DISTINGUISHED MEDAL is award at the annual meeting.

Publications: Southern Medical Journal, monthly, 1-34, 1908-1941, price \$4, free to members.

1162. Southern Minnesota Medical Association. *President:* Nelson W. Barker, Rochester, Minn. Elected for one year; term expires January, 1943.

History: The Minnesota Valley Medical Association, organized 1880, and the Southern Minnesota Medical Association, organized 1892, combined in 1911 to form the present Associa-

tion. *Reference:* Historical Notes on the Minnesota Valley Medical Association and the Southern Minnesota Medical Association, by M. C. Piper, Minnesota Medicine, 18:491, 1935.

Object: The interchange of ideas, the discussion of medical problems, and the dissemination of medical knowledge among the physicians of southern Minnesota.

Membership: Members must be licensed to practice medicine and be members in good standing of a local county medical society. Active members, 335; Non-resident, 9; Emeritus, 4; Honorary, 30. Entrance fee \$2, annual dues \$2.

Meetings: Annual, in August or September, in various cities in southern Minnesota.

Research funds, medals, etc.: A silver medal and \$100 is awarded to the senior student at the University of Minnesota who has shown the greatest proficiency in the fields of medicine and surgery. At the annual meeting a silver medal is awarded for the best exhibit, a bronze medal for the best presentation, and a bronze medal for the best case report.

Publications: Minnesota Medicine is the official journal of the Association.

1163. Southern Pine Association. 520 Canal Building, New Orleans, La. *President:* Earl M. McGowin, Chapman, Ala. *Secretary:* H. C. Berckes. Officers elected for one year; terms expire 1942.

History: Chartered 1914 in Missouri.

Object: To act as a clearing-house of information concerning southern pine lumber, distributing to subscribers such information as may be within its province to compile.

Membership: Annual dues, 11 cents per 1,000 feet on monthly shipments of manufacturers or wholesale dealers, who make up the subscribers. List of subscribers available.

Meetings: Annual, in New Orleans; mid-summer and fall meetings in one of the southern cities.

1164. Southern Psychiatric Association. *President:* W. C. McConnell, St. Petersburg, Fla. *Secretary:* Newdigate M. Owensby, Atlanta, Ga. Officers elected for one year; terms expire October, 1942.

Membership: Annual dues \$5. Total membership 100.

Meetings: Annual.

1165. Southern Society for Philosophy and Psychology. *President:* Fritz Marti, University of Maryland, College Park, Md. *Secretary:* Norman L. Munn, Vanderbilt University, Nashville, Tenn. Term of President, elected for one year, expires April, 1942; of Secretary, elected for three years, 1942.

History: Founded 1904. **Reference:** The Twenty-fifth Anniversary of the Southern Society for Philosophy and Psychology, by J. B. Miner, *Psychological Bulletin*, 28: 1-14, 1931.

Object: To promote philosophy and psychology in the southern section of the United States by facilitating intercourse among those who are cultivating these subjects, and by encouraging original investigations among its members.

Membership: Members are those who are professionally engaged in the fields of philosophy or psychology, or who have pursued for not less than two years a program of graduate study primarily devoted to these subjects. Annual dues \$1.50. Total membership 290. List of members available.

Meetings: Annual, at different places.

Publications: Proceedings are published annually in the *Psychological Bulletin*.

1166. Southern Surgical Association. *President:* Barney Brooks, Vanderbilt University Hospital, Nashville, Tenn. *Secretary:* Alton Ochsner, 1430 Tulane Avenue, New Orleans, La. Term of President, elected for one year, expires December, 1942; of Secretary, elected for five years, December, 1945.

History: Organized as the Southern Surgical and Gynecological Association, 1887; name changed to present title, 1916.

Object: To further the study and practice of surgery, especially in the Southern States.

Membership: Specialists in surgery with ten years' surgical experience. Annual dues \$20. Total membership 200.

Meetings: Annual, at place selected.

Publications: Transactions, 1-28, 1888-1916, as Transactions of the Southern Surgical and Gynecological Association; vol. 29 to date as Transactions of the Southern Surgical Association.

1167. Southwest Museum. 234 Museum Drive, Los Angeles, Calif. *President:* Jonathan B. Lovelace, 711 Bank of American Building, Los Angeles, Calif. *Acting Secretary:* Elsie Bradford, Southwest Museum, Highland Park, Los Angeles, Calif. *Curator:* M. R. Harrington.

History: Incorporated December, 1907. **Sections:** There are three branch establishments: Casa de Adobe, a Spanish-California museum; Twenty-Nine Palms Laboratory, for archaeological research; El Alisal, home of the late Charles F. Lummis, to become a "pioneer" museum.

Object: The education of the public through the medium of a museum.

Membership: Annual members, annual dues \$5 to \$25; Student, \$2.50; Sustaining, \$100; Benefactor, gift of \$25,000; Patron, \$10,000; Life members, \$1,000; Fellows, \$500.

Meetings: Held annually at the Museum.

Library: 42,000 titles of Arizoniana, Californiana, archaeology, and science.

Research funds, medals, etc.: Archaeological and ethnological field work carried on through private donations. Weekly lectures during the winter.

Publications: Masterkey, bimonthly, 1-15, 1927-1941, price \$1.50. Southwest Museum Papers, 1-14. Southwest Museum Leaflets, irregular, 14 to date. Annual reports appear in the Masterkey. Publications are free to members.

1168. Southwestern Medical Association. 142 South Central Avenue, Phoenix, Ariz. *President:* C. A. Thomas, 130 Scott Street, South, Tucson, Ariz. *Secretary:* Louis W. Breck, 410 Roberts-Banner Building, El Paso, Tex. Officers elected for one year; terms expire November, 1943.

Object: The advancement of medicine in the Southwest.

Membership: Members, entrance fee \$3, annual dues \$3. Total membership 350. List of members available for \$3.

Meetings: Annual.

Publications: Southwestern Medicine, monthly, 1-25, 1917-1941, price \$3, free to members.

1169. Special Libraries Association. 31 East Tenth Street, New York, N. Y. *President:* Laura A. Woodward, Maryland Casualty Company, Baltimore, Md. *Secretary:* Kathleen B. Stebbins. Term of President, elected for one year, expires June, 1942; of Secretary, elected for one year, June, 1942.

History: Organized 1909; incorporated 1928.

Object: To promote the collection, organization, and dissemination of information, to develop the usefulness and efficiency of special libraries and other research organizations, and to encourage the professional welfare of its members.

Membership: Active members, librarians, senior assistants, and others interested in library and research work, annual dues \$5; Associate members, those entering the special library field, \$2; Institutional members, organizations maintaining special libraries, and requiring wide contacts for the conduct of business, annual dues \$15. Total membership 2,810.

Meetings: Annual, in various parts of the country.

Publications: Special Libraries, monthly, September to April; bimonthly, May to August, 1-32, 1910-1941, price \$5 domestic, \$5.50 foreign, free to Institutional and Active members. Technical Book Review Index, monthly except July and August, 1-16, 1935-1941, price \$7.50 domestic, \$8 foreign.

1170. Springfield Engineer's Club. Hotel Abraham Lincoln, Springfield, Ill. *President:* Julian L. Vallette, 620 West Vine Street, Springfield, Ill. *Secretary:* J. H. Smelter, Central Illinois Light Company, Springfield, Ill. Officers elected for one year; terms expire January, 1943.

History: Organized January 25, 1915.

Object: To promote fellowship among those connected with engineering work.

Membership: Entrance fee \$1, annual dues \$3. Total membership 200.

Meetings: Monthly, at the Hotel Abraham Lincoln in Springfield.

1171. Squibb Institute for Medical Research. New Brunswick, N. J. *Director:* George A. Harrop.

History: Established October 11, 1938. *Sections:* Divisions of Pharmacology, Microbiology, Organic Chemistry, Biochemistry Laboratory, and Medicinal Chemistry Laboratory.

Object: To make possible investigations in the various fields of biology and experimental medicine.

Library: Several thousand volumes on biology and experimental medicine.

Publications: The Field and The Work of the Squibb Institute for Medical Research, published from time to time, and mailed free of charge upon request to all who are professionally interested.

1172. State Historical Society of Colorado. State Museum, 14th and Sherman Streets, Denver, Colo. *President:* Francis E. Bouck, State House, Denver, Colo. *Secretary:* Lawrence Lewis, 404 House Office Building, Washington, D. C. Term of President, elected for three years, expires December, 1942; of Secretary, elected for three years, December, 1941.

History: Established 1879 by an Act of the Second General Assembly. *Departments:* History, Archaeology, and Ethnology.

Object: The Society collects and is custodian of historical and archaeological materials of Colorado and the West.

Membership: Active members, annual dues \$2, Life, \$25; Active Supporting, \$10, \$100; Active Sustaining, \$25, \$250; Active-Patron, \$100, \$1,000.

Meetings: Annual, at the State Museum.

Library: 16,000 books and newspapers, 7,000 manuscripts, and 15,000 pamphlets on Colorado, and the West in general.

Publications: Colorado Magazine, bimonthly, 1-18, 1923-1941, price \$2, free to members and on exchange.

1173. State Horticultural Association of Pennsylvania. *President:* H. M. Anderson, New

Park, Pa. *Secretary:* J. U. Ruef, State College, Pa. Officers elected for two years; terms expire in 1944.

History: Organized 1858.

Object: To promote horticulture in the State of Pennsylvania.

Membership: Annual dues \$2. Total membership 1,000. List of members available for \$2.

Meetings: Annual meeting, the third week in January in Harrisburg.

Publications: Pennsylvania State Horticultural Association News, quarterly. Annual Report of the Pennsylvania State Horticultural Association, price \$2.

1174. State Institute for the Study of Malignant Diseases. 663 North Oak Street, Buffalo, N. Y. *Director:* Burton T. Simpson.

History: Established 1898 as New York State Pathological Laboratory; name changed 1902 to the Cancer Laboratory of the New York State Department of Health; in 1910 to present title. *Departments:* Pathological, with laboratory; Biological, with laboratory and station at Springville, N. Y.; Chemical, with laboratory; Physical, with laboratory; and Hospital. There are 210 employees, over half of whom are actively engaged in research work.

Object: Research into the cause and cure of malignant diseases.

Library: 5,000 volumes on malignant diseases; foreign and domestic research journals.

Research funds, medals, etc. The work is supported by New York State, and the annual appropriation is about \$500,000.

Publications: Annual Report. Scientific reports of research work are published and available on request without charge.

1175. State Medical Association of Texas. *President:* N. D. Buie, Marlin, Tex. *Secretary:* Holman Taylor, 1404 West El Paso Street, Fort Worth, Tex. Terms expire May, 1942.

History: Organized 1853 as the Medical Association of Texas; present name adopted 1901; reorganized 1903.

Object: To advance the science of medicine, to promote public welfare, and to encourage fraternal intercourse among the members.

Membership: Annual dues \$9. Total membership 4,348.

Meetings: Annual.

Library: 4,500 volumes on medical subjects; 100,000 reprints.

Publications: Texas State Journal of Medicine, monthly, price \$3, subscription price included in membership fee.

1176. State Medical Society of Wisconsin. 917 Tenney Building, Madison, Wis. *President:*

Gunnar Gunderson, 1836 South Avenue, La Crosse, Wis. *Acting Secretary:* George B. Larson. Term of President, elected for one year, expires September, 1942.

History: Established by the Territorial Legislature of 1841.

Object: To federate and bring into one compact organization the entire medical profession of the State of Wisconsin, and to unite with similar societies of other states and territories of the United States to form the American Medical Association; to extend medical knowledge and advance medical science; to elevate the standard of medical education, and to secure the enactment and enforcement of just medical laws; to promote friendly intercourse among physicians; to guard and foster the material interests of its members and to protect them against imposition; and to enlighten and direct public opinion in regard to the great problems of state medicine, so that the profession shall become more capable and honorable within itself, and more useful to the public, in the prevention and cure of disease, and in prolonging and adding comfort to life.

Membership: A license to practice medicine is the requisite for membership. Annual dues \$20. Total membership 2,500. List of members in Journal.

Meetings: One state-wide meeting each year; meetings held within districts.

Publications: Wisconsin Medical Journal, monthly, 1-40, 1903-1941, free to members.

1177. **Staten Island Institute of Arts and Sciences.** Wall Street and Stuyvesant Place, St. George, Staten Island, N. Y. *President:* James P. Chapin, American Museum of Natural History, New York, N. Y. *Secretary:* Roswell S. Coles. Officers elected for one year; terms expire 1942.

History: Established as the Natural Sciences Association of Staten Island, November 12, 1881; incorporated February 19, 1885; name changed to Association of Arts and Sciences, May, 1905; present name adopted May 18, 1918.

Object: To collect and preserve objects of scientific, historical, and artistic value, especially those relating to Staten Island.

Membership: Active members, annual dues \$3; Life members, one payment of \$50. Total membership 900.

Meetings: Monthly, from October to May.

Library: 9,000 volumes on natural sciences and local history.

Research funds, medals, etc.: JOHN J. CROOKE FUND, for the purchase of books on natural science. NATHANIEL L. AND ELIZABETH G. BRITTON FUND, restricted; NATURAL SCIENCE FUND, restricted; PERMANENT FUND, restricted; D. M. VAN NAME FUND, unrestricted. Total capital, about \$30,000.

Publications: Museum Bulletin, 1-23, 1918-1941; not issued in July or August.

1178. **Steel Founders Society of America.** 920 Midland Building, Cleveland, Ohio. *President:* Oliver E. Mount, 410 North Michigan Avenue, Chicago, Ill. *Secretary:* Raymond L. Collier. Term of President, elected for one year, expires January, 1943; Secretary appointed annually by the Board of Directors.

History: Founded 1902. *Sections:* Eastern, Buffalo, Southern, Pittsburgh, Ohio, Chicago, St. Louis, Seattle, San Francisco, and Los Angeles.

Object: To perform services for members which may be handled better and more economically by a central agency.

Membership: Members must manufacture and sell steel castings. Annual dues based on shipments and sales. Total membership 175.

Meetings: Monthly, at central location in each section.

Research funds, medals, etc.: LORENZ MEMORIAL MEDAL.

1179. **Structural Clay Products Institute.** 1756 K Street, N. W., Washington, D. C. *President:* Eben Rodgers, Alton Brick Company, Alton, Ill. *Secretary:* J. J. Cermak.

History: Structural Clay Products Institute is the name under which Structural Clay Products, Inc., conducts its research and promotional activities.

Membership: Membership is restricted to manufacturers. Dues are based on shipments.

Meetings: Annual, usually a convention in the fall with an annual spring meeting of the Executive Committee.

Research funds, medals, etc.: A special fund for research is appropriated annually.

1180. **Structural Engineers Association of California.** *President:* Blake E. Beatty, 816 West Fifth Street, Los Angeles, Calif. *Secretary:* William W. Moore, 816 West Fifth Street, Los Angeles, Calif. Officers elected for one year; terms expire December, 1942.

History: The Structural Engineers Association of California is composed of two organizations, the Structural Engineers Association of Northern California and the Structural Engineers Association of Southern California. These organizations were formed in 1930.

Object: To promote the highest standards of structural engineering.

Membership: Membership in one of the associations carries membership in the state association. Members, Junior members, and Affiliates. Entrance fee \$10; annual dues \$10. Total membership 274.

Meetings: State Association meets annually; section meetings are held each month in Los Angeles and San Francisco.

Publications: Each section publishes an informal monthly news sheet.

1181. Sullivant Moss Society. Department of Botany, University of Michigan, Ann Arbor, Mich. *President:* Henry S. Conard, Grinnell College, Grinnell, Iowa. *Secretary:* Winona H. Welch, De Pauw University, Greencastle, Ind. Officers elected for two years; terms expire December, 1943.

History: Organized January 1, 1899. *References:* Bryologist, 3: 10, 1900; 3: 51, 1900; 11: 60, 1908. Originally known as the Sullivant Moss Chapter, the name was changed to the present title on April 17, 1908.

Object: The study of mosses, hepatics, and lichens.

Membership: Annual and Life members. Annual dues \$2. Total membership 310.

Meetings: An annual meeting is held in conjunction with the American Association for the Advancement of Science, and an annual foray is held in a suitable locality.

Research funds, medals, etc.: The Moss Herbarium is maintained by the Society at Duke University, the Liverwort Herbarium at the University of Cincinnati, and the Lichen Herbarium at the Missouri Botanical Garden.

Publications: Bryologist, bimonthly, 1-44, 1897-1941, price \$2, free to members.

1182. Swedish Engineers' Society. 503 Wrightwood Avenue, Chicago, Ill. *President:* John F. Sandell, 58 West Lake Street, Chicago, Ill. *Secretary:* Gustaf A. Palm, 5048 Glenwood Avenue, Chicago, Ill. Officers elected for one year; terms expire April 1, 1942.

History: Founded October 10, 1908; incorporated June 25, 1912.

Object: To further engineering education and to promote engineering knowledge.

Membership: Annual dues \$15. Members must be of Swedish descent and must possess technical training. Total membership 200.

Meetings: Weekly.

Publications: Bulletin, monthly, 1- , 1917- . Yearbook.

1183. Tanners' Council of the United States of America, Inc. 100 Gold Street, New York, N. Y. *Chairman:* Harold Connett, Surpass Leather Company, Philadelphia, Pa. *Secretary:* J. L. Nelson. Officers elected for one year; terms expire October, 1942.

History: Organized and incorporated 1917, an amalgamation of the National Association of Tanners, the Morocco Manufacturers National Association, and the Patent and Enamelled

Leather Manufacturers Association, as a war body to assist the War Trade Board. After the war the association was moved to New York and its activities were directed primarily toward trade association work.

Object: To foster, develop, and promote the science and art of tanning and the leather industry, and the mutual welfare and improvement of those engaged therein.

Membership: Active and Honorary members. Dues are based on production, with a minimum of \$100 annually. Total membership 170.

Meetings: Semiannual.

Research funds, medals, etc.: A special research laboratory is maintained in connection with the University of Cincinnati; while it is the property of the University, it is for the use of the Council so long as a definite sum is expended each year. It is devoted to a study of fundamental tanning problems. GEORGE H. RAYMOND ENDOWMENT FUND, \$500. FRED VOGEL, JR., TESTIMONIAL FUND, of the American Hair and Felt Co., \$25,000. GEORGE W. OLMSTED ENDOWMENT FUND, \$15,000. LOUIS MAYER RESEARCH FUND, \$5,000, the income of which is applied toward the creation of a permanent endowment fund. FRASER MUIR MOFAT MEDAL, may be awarded annually for scientific achievement in the leather industry.

Publications: Results from the laboratory are published in the Journal of the American Leather Chemists Association.

1184. Tau Beta Pi Association. *President:* Charles H. Spencer, 6812 Sixth Street, N. W., Washington, D. C. *Secretary:* R. C. Matthews, University of Tennessee, Knoxville, Tenn. Term of President, elected for three years, expires December, 1942.

History: Established at Lehigh University in June, 1885. There are seventy-six undergraduate chapters. The Association is an honorary society in engineering colleges.

Object: To mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character, or by their attainments as alumni in the field of engineering; and to foster a spirit of liberal culture in the engineering colleges of America. Its aim also is to promote the welfare and advancement of the engineering profession, and of engineering education.

Membership: Undergraduates, who form the Chapters, must stand in the highest fifth of their class to be eligible for consideration. Men from the first eighth are elected at the beginning or during the second part of their junior year; the balance of the highest fifth are eligible at the beginning of the senior year. Alumni who would have qualified had a chapter existed at their colleges, may be elected at any time. Alumni who may not have been eligible scho-

lastically, but who have shown merit by their success as engineers are elected in limited numbers. All members are subject upon initiation to a national charge of \$14. \$2.50 of which is a fee, the balance covering badge, certificate of membership, magazine subscription for four years, etc. There are no annual dues. Total initiates 35,947. List of members available for \$1.

Meetings: Chapter meetings are held in the colleges at various intervals of one month or less. A Convention, composed of a representative from each of the chapters, is held annually, always with one of the undergraduate chapters.

Research funds, medals, etc.: TAU BETA PI FELLOWSHIPS, six to eight annually, awarded to outstanding student members for a year of graduate work.

Publications: Bent of Tau Beta Pi, quarterly, 1905-1941, price for first four years covered by initiation fee, \$2 thereafter.

1185. Technical Association of the Pulp and Paper Industry. 122 East 42nd Street, New York, N. Y. *President:* W. H. Swanson, Kimberly-Clark Corporation, Kimberly, Wis. *Permanent Secretary:* R. G. Macdonald. Term of President expires February, 1942.

History: Originally the Technical Section of the American Paper and Pulp Association. The present organization was effected in 1915. *Sections:* Pacific, Lake States, Delaware Valley, Kalamazoo Valley, New England, Ohio, Empire State.

Object: To encourage original investigation and research work in mill engineering and the chemistry of paper, cellulose, and paper-making fibres generally; and to provide means for interchange of ideas among its members in order that processes of manufacture may be made more efficient.

Membership: Members, initiation fee \$5, annual dues \$15; Associate, \$5, \$15; Junior, \$5, \$5; Corporate, annual dues \$100. List of members in Yearbook.

Meetings: Annual, in New York City; fall meeting elsewhere in the United States; section meetings each month from September to June.

Research funds, medals, etc.: TAPPI MEDAL AWARD, for achievements which have definitely contributed to the technical progress of the pulp and paper industry. A sum of money, \$3,500 for 1941, is appropriated for the purpose of assisting committees in their activities. The Committee on Research Appropriations administers these research funds.

Publications: Technical Association Papers, 1-24, 1918-1941. Bibliography of Papermaking, 1900 to date. Special Reports, 1-37. The Paper Trade Journal contains twelve pages in each issue which are devoted to technical articles and abstracts edited by the Association secretary.

All members receive a subscription to the Journal. Yearbook, 1932-

1186. Technical Club of Dallas. *President:* Ellis W. Wright, 2222 Ross Avenue, Dallas, Tex. *Secretary-Treasurer:* Herbert W. Smith, Dallas News Building, Dallas, Tex. Officers elected for one year; terms expire September, 1942.

History: Organized 1919.

Object: To promote the interchange of ideas, especially in regard to the social, civic, and professional advancement of the technical professions; to increase acquaintance among the members of the professions; and to make available to the public the technical knowledge of the membership in whatever manner may be advisable.

Membership: Active and Associate members, entrance fee \$5, annual dues \$12; Junior, \$2, \$4; Non-resident, \$4. Roster of members published.

Meetings: Annual, the fourth Tuesday of September; monthly meetings, except during July and August.

Publications: Technician, weekly.

1187. Technical Society of Knoxville. *President:* Harry Wiersma, 602 Union Building, Knoxville, Tenn. *Secretary:* Robert H. Nagel, 618 Union Building, Knoxville, Tenn. Officers elected for one year; terms expire January, 1943.

History: Organized June 6, 1921.

Object: To promote the advancement of technical and allied arts and sciences or their branches, and the welfare of the scientific and technical profession in Knoxville and vicinity.

Membership: Members, annual dues \$4; Junior members, \$1; Honorary members. Total membership, about 150.

Meetings: Weekly, at the Andrew Johnston Hotel.

Research funds, medals, etc.: STUDENT PAPER CONTEST, prizes of \$25 and \$15, awarded to undergraduate students in the Engineering College of the University of Tennessee, for papers on technical engineering subjects.

Publications: Technical Soupon, weekly, price \$1, free to members. Yearbook, free to members.

1188. Technical Valuation Society, Inc. *President:* William H. Byrne, 47-21 Forty-first Street, Long Island City, L. I., N. Y. *Secretary:* H. W. Walter, 4 Irving Place, Room 449 S, New York, N. Y. Term of President, elected for one year, expires December, 1942; of Secretary, elected for two years, December, 1943.

History: Incorporated November, 1939, in New York State. There are eight geographi-

cal sections. *Reference:* Business Week, December, 1940.

Object: To bring about the recognition of Engineering Valuation as a professional degree, to foster engineering valuation education, and to broaden the scope of knowledge of the valuation engineer.

Membership: Fellows, entrance fee \$10, annual dues \$10; Senior members, \$5, \$5; Associate, \$5, \$5; Junior, \$2.50, \$2.50; Junior Associate, \$2.50, \$2.50. Total membership 110.

Meetings: Monthly, at the Society headquarters.

Research funds, medals, etc.: A contest on accounting problems is held, for which cash prizes are offered.

Publications: Technical Valuation, monthly, 1-2, 1940-1941, free.

1189. **Technology Club of Syracuse, Inc. and Affiliated Societies.** Onondaga Hotel, Rooms 1058-9, Syracuse, N. Y. *President:* Francis D. McKeon, 210 Wellesley Road, Syracuse, N. Y. *Executive Secretary:* Rich D. Whitney, 871 Livingston Avenue, Syracuse, N. Y. Term of President, elected for one year, expires April, 1942; Secretary appointed annually.

History: Organized October 5, 1903, as the Technology Club; name changed 1907 to present title. There are eight technical affiliates.

Object: The advancement of the engineering profession.

Membership: Regular members, 470, annual dues \$5; Non-resident, 58, \$2; Junior, 13, \$1; Honorary, 8. List of members available.

Meetings: Weekly, from October to April, at the Onondaga Hotel.

Library: A library of about 200 current technical periodicals is maintained.

Research funds, medals, etc.: J. E. SWEET LECTURE FUND, original principal \$20,000, income used in meeting lecture expenses.

Publications: Yearbook.

1190. **Teknik Club.** *Secretary-Treasurer:* J. Claire Evans, Box 5510, Denver, Colo. Elected for one year; term expires May, 1942.

History: Organized 1911.

Object: To promote professional and social intercourse among men engaged in scientific and technical pursuits.

Membership: Resident, limited to 60; Non-resident, unlimited; Honorary. Total membership 79.

Meetings: Monthly.

1191. **Tennessee Academy of Science.** *President:* D. M. Brown, State Teachers College, Johnson City, Tenn. *Secretary:* Kendall E. Born, State Division of Geology, Nash-

ville, Tenn. Officers elected for one year; terms expire November 28, 1942.

History: Organized March 9, 1912, in Nashville, Tenn. *Sections:* Geology and Geography, Botany, Physics, Chemistry, and Mathematics.

Object: To foster scientific research and the diffusion of knowledge concerning the various divisions of science; to promote intercourse between persons engaged in scientific work, especially in Tennessee; to assist by investigation and discussion in developing and making known the resources of the State; and to arrange for the publication of such reports of investigations as may further these objectives.

Membership: Active and Honorary members. Entrance fee \$2, annual dues \$2. Total membership 465. List of members available for 50 cents.

Meetings: Two meetings a year; fall meeting at Nashville, spring meeting at various places throughout the State.

Library: A library on ornithology, botany, zoology, geology, and anthropology is maintained.

Research funds, medals, etc.: \$75 from the American Association for the Advancement of Science for research work. The Reelfoot Lake Biological Station is under the direct management and control of the Academy.

Publications: Transactions, 1912-1917. Journal, quarterly, 1-16, 1926-1941, price \$2, free to members. Report of the Reelfoot Lake Biological Station, 1- , 1937-

1192. **Tennessee Public Health Association, Inc.** *President:* L. M. Graves, City Health Department, Memphis, Tenn. *Secretary:* R. H. Hutcheson, State Department of Health, Nashville, Tenn. Officers elected for one year; terms expire May, 1942.

History: Constitution and By-Laws adopted October 4, 1939. Name changed to present title from Annual Conference of Official Health Workers. *Sections:* Medical, Nursing, Sanitation, and Clerical.

Object: To protect and promote public and personal health in the State of Tennessee.

Membership: Active members, public health workers connected with official agencies; Associate, members of other official or non-official agencies interested in the promotion of public health; Honorary, individuals who have shown distinguished interest in public health, not more than ten to be elected the first year and not more than two each year thereafter. Entrance fee \$1, annual dues \$1.

Meetings: Annual, in Nashville, Tenn.

Publications: Proceedings, annual.

1193. **Tennessee State Horticultural Society.** 403 State Office Building, Nashville, Tenn. *President:* D. E. Hedges, Signal Mountain,

Tenn. Secretary: G. M. Bentley, 65 Biology Building, University of Tennessee, Knoxville, Tenn. Officers elected for one year; terms expire November, 1942.

History: Organized January, 1905, as the Tennessee Horticultural Society; incorporated 1919 under present title.

Object: To acquaint commercial orchardists with the latest practices of orcharding.

Membership: Regular members, annual dues \$1; Life, \$10; Honorary. Total membership 600. List of members in Proceedings, price 50 cents.

Meetings: Annual, at various places.

Library: A library is maintained by the Society.

Publications: Tennessee Horticulture, monthly, free to members. Proceedings.

1194. Tennessee State Medical Association. 508 Doctors Building, Nashville, Tenn. **President:** H. A. Laws, Jr., James Building, Chattanooga, Tenn. **Secretary:** H. H. Shoulders. Officers elected for one year; terms expire April, 1942.

History: Organized 1830 as the Tennessee Medical Society; name changed 1901 to present title. **Reference:** Centennial History of the Tennessee State Medical Association, by Philip M. Hamer, 1930.

Object: To federate the medical profession of the State, to unite with similar associations in other states to form the American Medical Association, and to further the purposes of that organization.

Membership: Members, must be members of component county medical societies, annual dues \$6; Associate members, commissioned officers in the active service of the U. S. Army, Navy, and Public Health Service, annual dues \$6; Veteran members; Honorary members. List of members in the December number of the Journal.

Meetings: Annual meeting, the scientific session of which begins on the second Tuesday in April.

Publications: Transactions, 1-75, 1830-1908; continued in Journal of the Tennessee State Medical Association, monthly, 1-35, 1908-1942, price \$2, free to members.

1195. Tennessee State Nurserymen's Association. 65 Biology Building, University of Tennessee, Knoxville, Tenn. **President:** F. C. Boyd, Boyd Nursery Company, McMinnville, Tenn. **Secretary:** G. M. Bentley. Officers elected for one year; terms expire January, 1943.

History: Organized January, 1905.

Object: To aid nurserymen in all phases of the nursery business.

Membership: Regular and Associate members. Annual dues \$5. Total membership 250.

Meetings: Annual; occasional summer field trips.

Publications: Proceedings, irregular.

1196. Texas Academy of Science. Witte Memorial Museum, San Antonio, Tex. **President:** Elmer P. Cheatum, Southern Methodist University, Dallas, Tex. **Secretary:** Leo T. Murray, Baylor University, Waco, Tex. Term of President, elected for one year, expires November, 1942; of Secretary, elected for two years, November, 1943.

History: Organized November 29, 1928. **Sections:** Physical Science, Biological Science, Social Science, Geological Science, and Conservation.

Object: The advancement of science.

Membership: Senior, Collegiate, and Junior members. Entrance fee \$2, annual dues \$2. Total membership 1,000. List of members available.

Meetings: Meetings are held in the autumn and spring.

Publications: Proceedings and Transactions are published annually, 1927-1941, free to members.

1197. Texas Forestry Association. College Station, Tex. **President:** Walter O'Neal, Texarkana, Tex. **Secretary:** S. L. Frost. Officers elected for one year; terms expire August, 1942.

History: Organized 1914.

Object: To create and stimulate an intelligent interest in the forestry of Texas.

Membership: Annual members, annual dues \$1; Contributing, \$5; Sustaining, \$10; Life, \$25. Total membership 150.

Meetings: Annual.

1198. Texas Geographic Society. Southern Methodist University, Dallas, Tex. **President:** W. E. Wrather, 4300 Overhill Drive, Dallas, Tex. **Secretary:** Edwin J. Foscoe. Term of President, elected for one year, expires 1942; of Secretary, indefinite.

History: Organized 1933.

Object: To encourage research in the geography of Texas, and to disseminate knowledge of the geography of the State through publications and lectures.

Membership: Active members, approximately 250, annual dues \$2; Associate, approximately 150, \$1. List of members available.

Meetings: Monthly, at the Jefferson Hotel, Dallas, Tex.

Publications: Texas Geographic Magazine, issued twice a year, 1-5, 1937-1941, price \$1, free to members.

1199. Texas Herpetological Society. *President:* Leo T. Murray, Strecker Museum, Baylor University, Waco, Tex. *Secretary:* Ottys Sanders, Southwestern Biological Supply Company, P. O. Box 4084, Dallas, Tex. Officers elected for one year; terms expire 1942.

History: Organized November 18, 1938; first field meet April 15-16, 1939, at San Marcos, Texas, with a registration of 28 persons. *Reference:* Copeia, 1939, no. 3.

Object: To promote the discovery and dissemination of knowledge of amphibians and reptiles; to encourage the study of reptiles and amphibians in Texas; and to stimulate fellowship among herpetologists of Texas and the Southwest.

Membership: Total membership 40.

Meetings: Annual field meet.

Library: A library on herpetology is maintained.

1200. Texas Pharmaceutical Association. *President:* A. G. Henrick, Houston, Tex. *Secretary:* W. J. Danforth, Fifth and Calhoun Streets, Fort Worth, Tex. Term of President expires June, 1942.

History: Organized May, 1879.

Object: The advancement of knowledge in the science of pharmacy and drugstore merchandising.

Membership: Entrance fee \$3; annual dues \$2. Total membership 4,650.

Meetings: Annual.

Publications: Texas Druggist, bimonthly, price \$1, free to members and on exchange.

1201. Textile Color Card Association of the United States, Inc. 200 Madison Avenue, New York, N. Y. *Secretary and Managing Director:* Margaret Hayden Rorke.

History: Organized as an outcome of the need revealed during the first World War for standardization of color in American industries.

Object: The standardization of color and the creation of the seasonal color cards of America.

Membership: Active members, annual dues \$50; Associate, \$30. Total membership 1,600.

Meetings: Monthly, at headquarters; annual meeting in May.

Publications: Color Cards and Confidential Monthly Bulletins, distributed to members.

1202. Textile Foundation. *Chairman of Board of Directors:* Franklin Hobbs, 78 Chauncy Street, Boston, Mass. *Secretary:* Edward T. Pickard, Industrial Building, National Bureau of Standards, Washington, D. C.

History: Organized June, 1930.

Object: Scientific and economic research for the benefit and development of the textile indus-

try, its allied branches, and including that of production of raw material.

Meetings: The Board has quarterly meetings in Washington, D. C.

Research funds, medals, etc.: \$800,000 is available for textile research.

1203. Torrey Botanical Club. *President:* C. Stuart Gager, Brooklyn Botanic Garden, Brooklyn, N. Y. *Corresponding Secretary:* Harold C. Bold, Barnard College, Columbia University, New York, N. Y. Officers elected for one year; terms expire January, 1943.

History: Informally organized 1858; reorganized 1867; incorporated April 21, 1871, as the New York Botanical Club; name changed under amended charter, April 29, 1872, to the present form which had been in use continuously on the Bulletin. The Club's herbarium of several thousand specimens illustrating the flora within one hundred miles of New York is deposited at the New York Botanical Garden. Its library is incorporated with the library of the New York Botanical Garden. *References:* The Work of the Torrey Botanical Club, by Edward S. Burgess, Bulletin, 27: 552-558. Historical Sketch of the Torrey Botanical Club, by John Hendley Barnhart, Memoirs, 17: 12-21, 1918.

Object: To promote interest in plants and to advance botanical knowledge.

Membership: Active members, annual dues \$5; Associate, \$2. Total membership 770.

Meetings: Monthly, the first Tuesday and the third Wednesday, October to May. Field meetings, Saturdays, April to January.

Publications: Bulletin, monthly, 1-, 1870-, price \$6, free to active members. Memoirs, irregular, 1-, 1889-, price \$3. Torreyia, bimonthly, 1-, 1901-, price \$1. Index of American Botanical Literature, on cards, issued monthly.

1204. Tri-State Medical Association of the Carolinas and Virginia. *President:* Addison G. Brenizer, Professional Building, Charlotte, N. C. *Secretary:* James M. Northington, Medical Building, Charlotte, N. C.

History: Organized 1898.

Object: To improve the practice of medicine.

Membership: Open to white physicians who are members of the Virginia, North Carolina, or South Carolina State Society. Annual dues \$5.

Meetings: Annual, at various cities of these States.

Publications: Journal of Southern Medicine and Surgery, monthly, price \$2.50, free to members.

1205. Tropical Plant Research Foundation. 1086 North Broadway, Yonkers, N. Y. *Acting Director and General Manager:* William Crocker.

History: Organized and incorporated June 6, 1924, under the auspices of the National Research Council.

Object: To promote research for the advancement of knowledge of the plants and crops of the tropics; to conduct investigations in plant pathology, entomology, plant breeding, botany and forestry, horticulture, and agronomy, and to publish the results thereof; and to establish and maintain such temporary or permanent stations and laboratories as may be necessary for the accomplishment of these objects.

Research funds, medals, etc.: Funds for research are received from organizations interested in tropical plant products.

Library: A library of about 200 volumes is maintained at the Baragua Laboratory, and a library of 500 volumes is maintained in Yonkers, N. Y.

Publications: Bulletin, irregular, 1-10, 1925-1929. Scientific Contribution Series, 1-22, 1926-1932.

Trudeau Foundation. See Edward L. Trudeau Foundation.

1206. Tuberculosis Institute of Chicago and Cook County. 343 South Dearborn Street, Chicago, Ill. *President:* Homer J. Buckley, 1300 West Jackson Boulevard, Chicago, Ill. *Secretary:* Mrs. Willet H. Cornwell, 3825 Alta Vista Terrace, Chicago, Ill. Officers elected for one year; terms expire March, 1942.

History: Organized 1903 as a committee of the Visiting Nurse Association; in January, 1906, this committee organized the Chicago Tuberculosis Institute, which was incorporated in 1907; name changed to present title June, 1937.

Object: The prevention and control of tuberculosis through the following methods: the collection and dissemination of exact knowledge of causes, prevention, and cure; the promotion of legislation for improvement of living conditions; and clinical treatment in cases where such treatment is feasible.

Membership: An honorary membership is granted to all who contribute \$10 or more each year.

Meetings: Monthly, except during the summer months.

Library: 500 books, 110 pamphlets, and a large number of periodicals covering the subjects of medicine, tuberculosis, health education, and hygiene.

Research funds, medals, etc.: Grants are made under the jurisdiction of the research committee.

1207. Tulsa Geological Society. *President:* John L. Ferguson, Amerada Petroleum Corporation, Box 2040, Tulsa, Okla. *Secretary:* M. R. Spahr, Carter Oil Company, Box 801, Tulsa, Okla. Officers elected for one year; terms expire May, 1942.

Object: To increase the diffusion of geological knowledge and to promote fellowship and cooperation among geologists and petroleum engineers.

Membership: Regular members, required to have thirty hours of geology in college, annual dues \$2; Honorary members. Total membership 286.

Meetings: Technical meetings are held on the first and third Mondays; luncheon meetings on Thursdays.

Publications: Tulsa Geological Society Digest, price \$1, free to members.

1208. Union of American Biological Societies. *President:* A. J. Carlson, University of Chicago, Chicago, Ill. *Secretary:* F. A. Brown, Jr., Northwestern University, Evanston, Ill. Officers elected for one year; terms expire December, 1942.

History: Organized December 27, 1921. *References:* Science, n. s., 56: 681, 1922; 58: 257, 1923; 64: 60, 1926; 69: 180, 1929; 73: 509, 1931; 75: 210, 1932; 84: 547, 1936; 85: 523, 1937.

Object: To stimulate investigation in the field of biology, to organize and promote the interests of bibliography and publication, to deal with questions of general interest in the field of biology, to promote the solution of those broad problems which the specialized societies are not in a position to support effectively, and to do anything else which may serve these ends.

Membership: The Union is composed of the following thirty-two constituent societies, who elect representatives to the Council: American Association for the Advancement of Science, Sections F, G, N, and O; American Association of Anatomists; American Association of Economic Entomologists; American Association of Immunologists; American Dairy Science Association; American Genetic Association; American Ornithologists' Union; American Physiological Society; American Phytopathological Society; American Society of Agronomy; American Society of Biological Chemists; American Society of Clinical Pathologists; American Society for Experimental Pathology; American Society for Horticultural Science; American Society of Ichthyologists and Herpetologists; American Society of Mammalogists; American Society of Naturalists; American Society of Parasitologists; American Society for Pharmacology and Experimental Therapeutics; American Society of Plant Physiologists; American Society of Zoologists; Bo-

tanical Society of America; Ecological Society of America; Entomological Society of America; Genetics Society of America; National Research Council, Division of Biology and Agriculture; Poultry Science Association; Society of American Bacteriologists; Society of American Foresters; Society for Experimental Biology and Medicine; National Association of Biology Teachers; and the Wildlife Society.

Meetings: Annual, usually with the American Association for the Advancement of Science.

Research funds, medals, etc.: One of the principal activities of this organization up to the present time has been the promotion of Biological Abstracts. In addition it is interested in a study of biological science teachings, especially in the secondary schools. It has, of late, been sponsoring a program for assistance to the biologists of South American and Chinese biological institutions.

United Chapters of Phi Beta Kappa. See Phi Beta Kappa.

1209. United Engineering Trustees, Inc. 29 West 39th Street, New York, N. Y. *President:* Albert Roberts, 11 Broadway, New York, N. Y. *Secretary:* John H. R. Arms. Officers elected for one year; terms expire at the annual meeting in October.

History: Organized and incorporated 1904 as the United Engineering Society, by members of the American Society of Mechanical Engineers, the American Institute of Mining Engineers, and the American Institute of Electrical Engineers which are known as Founder Societies. The American Society of Civil Engineers became a Founder Society in 1916. It has two departments, established pursuant to joint actions of the Founder Societies: Engineering Societies Library and The Engineering Foundation.

Object: To advance engineering arts and sciences in all their branches, and to maintain a free public engineering library.

Membership: The Society is an incorporated board of twelve trustees, three appointed by each of the four Founder Societies.

Meetings: The Board of Trustees meets monthly, in New York City.

Library: The Engineering Societies Library, with 165,000 volumes, is maintained at 29 West 39th Street, New York City.

Research funds, medals, etc.: The funds administered are: Engineering Foundation Fund, Library Endowment Fund, Henry R. Towne Engineering Fund, Edward Dean Adams Fund, John Fritz Medal Board of Award Fund, Daniel Guggenheim Medal Board of Award Fund, and Depreciation and Renewal Fund (for Engineering Societies Building). The JOHN FRITZ MEDAL, established by professional associates and friends of John Fritz, August 21,

1902, is awarded annually by a board composed of four representatives of each of the four Founder Societies, for notable scientific or industrial achievements.

See also Engineering Foundation.

1210. United States Institute for Textile Research, Inc. Room 3701, 10 East 40th Street, New York, N. Y. *President:* F. S. Blanchard, Pacific Mills, 214 Church Street, New York, N. Y. *Executive Secretary:* Edward T. Pickard. Officers elected for one year; terms expire November, 1942.

History: Organized November 6, 1930; incorporated December, 1930, under the name of Textile Research Council, Inc., but later changed to present title.

Object: To promote, cultivate, and facilitate scientific research in connection with the production of textile raw materials and their utilization in the textile manufacturing industries of the United States.

Membership: Annual members, annual dues \$10; Contributing, \$50; Life, payment of \$1,000.

Meetings: Annual; others as called.

Research funds, medals, etc.: The Institute undertakes cooperative financing of research on subjects that are first submitted to open conferences of members and non-members. On May 16, 1941, a working arrangement between the Textile Foundation and the Institute was effected in order to bring about a broader and more aggressive research program in the textile industry. The important feature of this plan is that the Foundation, organized by Congress to promote textile research, will have through the Institute, which is a membership body of technical men and executives in the textile industry, a broader channel for the transmission of the results of its scientific and economic research to that industry. The administration of this work is invested in a Research Council of six members.

Publications: Bulletin, 1-2, 1930-1932. Textile Research, monthly, 3-11, 1932-1941, price \$5 domestic, \$5.50 foreign. One copy to Annual members; Contributing members may name five representatives to receive the magazine.

U. S. National Museum. See Smithsonian Institution.

1211. United States Pharmacopoeial Convention. *President:* Cary Eggleston, 525 East 68th Street, New York, N. Y. *Secretary:* Lewis E. Warren, 2 Raymond Street, Chevy Chase, Md. Term of President, elected for nine years, expires 1950; of Secretary, elected for ten years, 1950.

History: Organized 1820; incorporated 1900. *Reference:* Pharmacopoeia of the United States, 11: 17-35.

Object: The revision and publication of the Pharmacopoeia.

Membership: Accredited delegates of incorporated dental, medical, or pharmaceutical associations or colleges, and certain governmental agencies. Total membership 478. List of members in Abstract of Proceedings.

Meetings: Every ten years, in Washington, D. C.

Research funds, medals, etc.: REMINGTON RESEARCH FUND, capital, \$20,000, only the income of which is available.

Publications: Pharmacopoeia of the United States, issued once in every ten years with Supplements; each member receives one complimentary copy, price \$5 to others.

1212. Utah Academy of Sciences, Arts, and Letters. *President:* Reed W. Bailey, U. S. Forestry Department, Ogden, Utah. *Acting Secretary:* I. O. Horsfall, University of Utah, Salt Lake City, Utah. Term of President, elected for one year, expires May, 1942.

History: The Utah Academy of Sciences was organized April 3, 1908; in June, 1933, it was enlarged to include arts and letters, and the name changed to the present title.

Object: To promote investigation and to diffuse knowledge in the departments of science.

Membership: Membership is open to persons interested in the aims of the Academy. Initiation fee \$1, annual dues \$2. Life memberships are awarded on payment of \$25 at one time.

Meetings: An interim meeting is usually held in November, and an annual meeting in May.

Research funds, medals, etc.: Medals are given each year for the most outstanding work in science, the arts, and literature.

Publications: Proceedings, 1-8, 1908-1942, free to members.

1213. Utah Society of Professional Engineers. *President:* George M. Haley, City and County Building, Salt Lake City, Utah. *Secretary:* Ralf R. Woolley, 303 Federal Building, Salt Lake City, Utah. Officers elected for one year; terms expire June, 1942.

History: Organized May, 1907, as the Utah Society of Engineers; name changed March, 1935, to present title.

Object: The advancement of engineering knowledge and practice, the maintenance of a high professional standard, and the promotion of good fellowship among its members.

Membership: Resident members, annual dues \$5; Resident professional engineers, \$5; Resident associates, \$4; Resident juniors, \$2; Non-resident, \$2; Non-resident professional engineers, \$2; Non-resident associates, \$2; Non-resident juniors, \$1; and Honorary members.

Meetings: Meetings are held the third Wednesday of each month, except July and August.

Publications: News Letter, semimonthly, free to members.

1214. Utah State Horticultural Society. *President:* J. A. Howell, 625 Eccles Building, Ogden, Utah. *Secretary:* A. Stark, Utah State Agricultural College, Logan, Utah. Officers elected for one year; terms expire February 1, 1942.

History: Organized 1904; reorganized 1927.

Object: To further the interests of the fruit industry of Utah through an educational program.

Membership: Membership is limited to fruit growers, fruit handlers, or others interested in the fruit industry of Utah. Entrance fee \$1, annual dues \$1. Total membership, from 125 to 150. List of members available.

Meetings: Annual, at Salt Lake City.

Publications: Proceedings, occasional.

1215. Utah State Medical Association. *President:* John R. Anderson, Springville, Utah. *Secretary:* D. G. Edmunds, 610 McIntyre Building, Salt Lake City, Utah. Term of President expires September, 1942; of Secretary, elected for three years, 1943.

History: Founded October 2, 1895.

Object: To promote the science and art of medicine, to protect the public health, and to better the medical profession.

Membership: Members must belong to a component society. Annual dues \$10. Total membership 411. List of members available for 25 cents.

Meetings: Annual, at various cities in Utah.

Publications: Rocky Mountain Medical Journal, monthly, free to members.

1216. Vermont Bird Club. *President:* W. P. Smith, Wells River, Vt. *Secretary:* E. J. Dole, Burlington, Vt. Officers elected for one year; terms expire June, 1942.

History: Organized 1900.

Object: To promote the study of bird life in Vermont.

Membership: Entrance fee \$1, annual dues \$1. Total membership 100.

Meetings: Annual.

1217. Vermont Botanical Club. *President:* G. P. Burns, Burlington, Vt. *Secretary:* E. J. Dole, Burlington, Vt. Officers elected for one year; terms expire June, 1942.

History: Organized 1895.

Object: To promote the study of plant life in Vermont.

Membership: Entrance fee \$1, annual dues \$1. Total membership 150.

Meetings: Annual.

1218. **Vermont Society of Engineers.** *President:* Clarence H. Adams, Windsor, Vt. *Secretary:* Lloyd T. Hayward, Montpelier, Vt. Officers elected for one year; terms expire March, 1942.

History: Organized March 8, 1912, at Burlington, Vt. *Sections:* The Engineers Club of Rutland County is a local section of the Society.

Object: The professional improvement of its members, the encouragement of social intercourse among engineers and men of practical science, and the advancement of engineering.

Membership: Members, entrance fee \$5, annual dues \$3; Associates, \$3, \$3; Junior members, \$3, \$2. Total membership 249. List of members available.

Meetings: An annual meeting is held each March at Burlington; another meeting is held each fall at some place where there is an engineering project of major import.

Publications: Bulletin, bimonthly, free to members. The bimonthly Bulletin supersedes the Proceedings, published previously each year since 1912. Yearbook, free to members.

1219. **Vermont State Medical Society.** *President:* E. H. Buttes, Burlington, Vt. *Secretary:* B. F. Cook, 154 Bellevue Avenue, Rutland, Vt. Officers elected for one year; terms expire October, 1942.

History: Organized under special act of the Vermont Legislature in 1813.

Object: To coordinate the medical activities of the State.

Membership: Annual dues \$7. Total membership 396. List of members available.

Meetings: Annual, in October.

Library: 500 volumes on Vermont medical history.

Research funds, medals, etc.: Lectures are held for two days each May, in Burlington.

1220. **Virginia Academy of Science.** *President:* George W. Jeffers, State Teachers College, Farmville, Va. *Secretary:* E. C. L. Miller, Twelfth and Clay Streets, Richmond, Va.

History: The Association of Virginia Biologists was organized 1921, and enlarged in 1923 to form the Academy. *Sections:* Astronomy, Biology, Botany, Chemistry, Education, Engineering, Forestry, Geology, Mathematics, Medical Sciences, Physics, Psychology, and Zoology.

Object: The promotion of science.

Membership: Regular members, annual dues \$2; Junior, \$1; Sustaining, \$10; Life, payment of \$50; Patrons, \$1,000. Total membership 900. List of members available in Proceedings.

Meetings: Annual, the first week in May, at different colleges in the State.

Research funds, medals, etc.: RESEARCH FUND OF THE VIRGINIA ACADEMY OF SCIENCE, capital \$12,000, income about \$400, for the encouragement of scientific research in Virginia. JEFFERSON GOLD MEDAL. ACADEMY PRIZE OF \$50.

Publications: Virginia Journal of Science, 8 issues a year, 1-, 1939/40-, price \$2 to non-members, \$1 to members. Proceedings, 1-, 1924-.

1221. **Virginia Pharmaceutical Association.** 400 Travelers Building, Richmond, Va. *President:* J. T. Wallace, 713 Glebe Road, South, Arlington, Va. *Secretary:* A. L. I. Winne. Terms of officers, elected for one year, expire June, 1942.

History: Instituted 1882; incorporated 1886. *Object:* To promote the progress of pharmacy in the State and to raise its standards.

Membership: Annual dues for proprietors \$5; for clerks \$3. Total membership 776. List of members in Proceedings.

Meetings: Annual, at various places.

Publications: Virginia Pharmacist, 1-, 1916-, price \$1, free to members. Proceedings.

1222. **Wagner Free Institute of Science.** Montgomery Avenue and 17th Street, Philadelphia, Pa. *President:* John Wagner, Jr., 3343 School Lane, Germantown, Philadelphia, Pa. *Secretary:* Tobias Wagner, Pennlyn, Pa. Officers elected for one year; terms expire January, 1943.

History: Founded 1847; incorporated 1855.

Object: To foster free public instruction by means of lectures, a library, and a museum.

Meetings: The Institute offers lectures and class work. There are seven courses of lectures covering a period of fourteen weeks each for four years, on the successful completion of which a full term certificate is awarded.

Library: 25,300 volumes, 150,000 pamphlets, covering science and technology. A Natural History Museum is maintained, containing more than 22,086 specimens.

Research funds, medals, etc.: DEPARTMENT OF CHEMISTRY ENDOWMENT, for research in chemistry.

Publications: Transactions, 1-11, 1885-1927. Publications, 1-2, irregular. Bulletin, 1-16, quarterly.

1223. **Washington Academy of Sciences.** *President:* Harvey L. Curtis, National Bureau of Standards, Washington, D. C. *Secretary:* Frederick D. Rossini, National Bureau of Standards, Washington, D. C. Officers

elected for one year; terms expire January, 1943.

History: Founded February 16, and incorporated February 18, 1898. Formed by the action of the Joint Commission established by the scientific societies of Washington in 1888, and committees from the Anthropological Society of Washington, the Chemical Society of Washington, the Entomological Society of Washington, the National Geographic Society, the Geological Society of Washington, and the Philosophical Society of Washington. The Academy acts as federal head of the following affiliated societies: Anthropological Society of Washington; Archaeological Society of Washington; Biological Society of Washington; Botanical Society of Washington; Chemical Society of Washington; Columbia Historical Society; Entomological Society of Washington; Geological Society of Washington; Helminthological Society of Washington; Medical Society of the District of Columbia; National Geographic Society; Philosophical Society of Washington; Washington Branch, Society of American Bacteriologists; Washington Post, Society of American Military Engineers; Washington Section, American Institute of Electrical Engineers; Washington Section, American Society of Mechanical Engineers; Washington Section, Institute of Radio Engineers; Washington Section, Society of American Foresters; Washington Society of Engineers.

Object: To acquire, hold, and convey real estate; to hold meetings; to publish and distribute documents; to conduct lectures; to conduct, endow, or assist research; to acquire and maintain a library; and to transact any business pertinent to an academy of sciences.

Membership: Active members, 606, elected in recognition of scientific attainments; Non-resident, 143; annual dues \$5. Life membership, 1, based on annuity of \$5. Patrons, 3, those who have given \$1,000 or more; Honorary members, 17. A directory is issued every two or three years.

Meetings: Monthly, the third Thursday, October to May, inclusive, at the Cosmos Club. Special meetings and joint meetings with affiliated societies are held on occasion.

Research funds, medals, etc.: Certificates of Award, for distinguished service in the physical sciences, biology, and engineering, are granted by the Academy not more than once each year in each of the three fields mentioned, to persons who have not attained their forty-first birthday in the year for which the award is made.

Publications: Journal, semimonthly, 1-22, 1911-1932; monthly, 23-31, 1933-1941; price \$6, free to members. Proceedings, 1-13, 1899-1911.

1224. Washington Biophysical Institute. National Institute of Health, Bethesda, Md. **Chairman:** Lyman J. Briggs, National Bureau of Standards, Washington, D. C. **Secretary:** F. S. Brackett.

History: Organized February 25, 1933, as the Washington Biophysical Laboratory, under the auspices of the National Research Council; name changed to present title November, 1935.

Object: To conduct research and to develop instruments and methods in the field of quantitative biology.

Meetings: Annual, in Washington, D. C.

Research funds, medals, etc.: Under the joint auspices of the National Bureau of Standards and the National Institute of Health, research is conducted on sterols and the development of special instruments. A grant of \$75,000 for a five-year period, was made by the Rockefeller Foundation through the National Research Council.

1225. Washington Society of Engineers. **President:** H. B. Gregory, 1316 New Hampshire Avenue, N. W., Washington, D. C. **Secretary:** Paul C. Whitney, U. S. Coast and Geodetic Survey, Washington, D. C. Officers elected for one year; terms expire December, 1942.

History: Organized November 23, 1905; incorporated January 28, 1909.

Object: The advancement of engineering knowledge and practice, and the maintenance of high professional standards among its members.

Membership: Regular and Honorary members. Entrance fee \$5, annual dues \$5. List of members available.

Meetings: Twice a month, from October to April.

Research funds, medals, etc.: WASHINGTON SOCIETY OF ENGINEERS' AWARD, a certificate, to a member whose accomplishments in engineering have made an outstanding contribution to the objects of the Society. WASHINGTON SOCIETY OF ENGINEERS YOUNG ENGINEER'S PRIZE, forty dollars in cash and membership in the Society for two years, for the most meritorious paper submitted by a member not over thirty years of age, or a student in engineering in a university located in Washington, D. C., or within a radius of twenty-five miles therefrom. The paper must be prepared by the candidate himself on an engineering subject or relate to an engineering project with which he has been connected.

Publications: Yearbook.

1226. Washington State Association of County Engineers. **President:** J. H. Redmond, Colfax, Wash. **Secretary:** Harry Sisler, Court-

house, Seattle, Wash. Officers elected for one year; terms expire June, 1942.

History: The first convention was held in 1907.

Object: To foster a closer cooperation between county engineers, to improve the practice of road construction and maintenance, and to raise the standards of the engineering profession.

Meetings: Annual, or on call.

1227. Washington State Horticulture Association. *President:* Jesse C. Childs, Donald, Wash. *Secretary:* John C. Snyder, Administration Building, Pullman, Wash. Officers elected for one year; terms expire December, 1942.

Membership: Annual dues \$1. Total membership 700. List of members available.

Meetings: Annual.

Publications: Proceedings, annual, 1-36, 1905-1941.

1228. Washington State Medical Association. *President:* George W. Cornett, Yakima, Wash. *Secretary:* V. W. Spickard, Cobb Building, Seattle, Wash.

History: Organized 1874 as the Washington Territorial Medical Society; name changed to present title in 1894.

Object: To advance the science of medicine.

Membership: Annual dues \$15. Total membership, 1,385.

Meetings: Annual.

Library: 7,000 volumes on general medicine.

Publications: Northwest Medicine, monthly, 1-7, 1903-July, 1909; n. s. 1-32, 1909-1941, price \$2.50, free to members. Published by the State medical associations of Oregon, Washington, and Idaho.

1229. Wasmann Biological Society. Editorial offices of the Wasmann Collector, Department of Biology, University of San Francisco, San Francisco, Calif. *President:* Harold A. Harper, Department of Biology, University of San Francisco, San Francisco, Calif. *Secretary:* D. M. La Porte, S. J., Alma College, Alma, Calif. Officers elected for two years; terms expire July, 1942.

History: Organized 1937 as the Wasmann Biological Club at the University of San Francisco; name changed to present title and organization begun on a national basis in 1939. *Chapters:* University of San Francisco, Loyola University of Los Angeles, Gonzaga University at Spokane, Washington, and Loyola University at Chicago, Illinois.

Object: To unite the departments of biology in Jesuit universities and colleges for the pro-

motion of the biological sciences, particularly by fostering among its members a spirit of lively interest and active participation in the solution of the problems of these sciences.

Membership: Active members, \$1 per semester; Alumni members, \$2 annually; Associate members, \$2 annually; Honorary members. Total membership 150. List of members available for 50 cents.

Meetings: Individual chapters generally meet biweekly; the General Council meets every two years.

Research funds, medals, etc.: Individual chapters have instituted Wasmann Awards to be conferred on members for scholastic or research effort.

Publications: Wasmann Collector, semi-annual, 1-4, 1937-1941, price \$1 per year, \$2 per volume, free to members.

1230. West Texas Geological Society. *President:* Ronald K. De Ford, P. O. Box 1814, Midland, Tex. *Secretary:* W. Lloyd Haseltine, 906 North Big Spring Street, Midland, Tex. Officers elected for one year; terms expire January, 1943.

History: Organized in San Angelo, Tex., in 1926.

Object: To hold periodic meetings at which papers are presented on geological subjects, to have one or two field trips each year, and to encourage the study of the scientific aspects of geology.

Membership: Annual dues \$1. Total membership 110.

Meetings: Monthly.

Research funds, medals, etc.: The Society occasionally allots funds for research projects. Two fellowships in the American Association of Petroleum Geologists are awarded annually to honor students at the Texas Technological College and the Texas College of Mines.

1231. West Virginia Academy of Science. *President:* Friend E. Clark, West Virginia University, Morgantown, W. Va. *Secretary:* J. E. Judson, West Virginia Wesleyan College, Buckhannon, W. Va. Term of President, elected for one year, expires 1942; of Secretary, elected for three years, 1943.

History: Organized November 28, 1924. *Sections:* Biology, Chemistry, Geology and Mining, Mathematics and Physics, and Social Sciences.

Object: The promotion of research and the dissemination of scientific knowledge.

Membership: Active members, 308, entrance fee \$1, annual dues \$1. List of members available for \$1.

Meetings: Annual.

Research funds, medals, etc.: AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

GRANT. Occasional grants are made by the Academy.

Publications: Proceedings, annual, 1-18, 1927-1941, free to members.

1932. West Virginia Horticultural Society. *President:* W. C. Van Meter, Petersburg, W. Va. *Secretary:* C. R. Miller, Martinsburg, W. Va. Officers are elected for two years; terms expire February, 1942.

History: Organized 1804; incorporated 1913.

Object: To promote the growing of fruit in West Virginia.

Membership: Annual dues \$2. Total membership 337. List of members available for \$2.

Meetings: Semiannual, at Martinsburg, W. Va.

Publications: Mountaineer Grower, monthly, 1-12, 1930-1941, free to members; the March issue is the Yearbook.

1933. West Virginia Public Health Association. Room 625, State Health Department, Charleston, W. Va. *President:* J. M. Coram, Fayette County Health Department, Fayetteville, W. Va. *Secretary:* Dorothea Campbell. Terms expire Spring, 1943.

History: Organized as a branch of the American Public Health Association, September, 1927. *Sections:* Health Officers, Nurses, Sanitarians, and Lay Groups.

Object: To promote public and personal health, especially in West Virginia.

Membership: Active members, annual dues \$1; Associates, \$1; Industrial members, \$5; Affiliated Societies, \$5; and Honorary members. Total membership 165.

Meetings: Annual.

1934. West Virginia State Medical Association. 302 Atlas Building, 1031 Quarrier Street, Charleston, W. Va. *President:* Richard O. Rogers, Bluefield Sanitarium, Bluefield, W. Va. *Executive Secretary:* Joe W. Savage. Term of President, elected for one year, expires December, 1942; Secretary appointed for an indefinite period.

History: Founded 1867; incorporated 1926.

Object: To federate the medical profession of the State, to extend medical knowledge and advance medical science, and to become more useful to the public in preventing and curing disease, and in prolonging and adding comfort to life.

Membership: Active members, 1,300, annual dues \$10; Honorary members, 72. List of members available.

Meetings: Annual.

Library: 600 volumes and 90 current journals on medicine and surgery.

Publications: West Virginia Medical Journal, 1-37, 1906-1941, price \$3.50, free to members.

1935. Western Association of State Game and Fish Commissioners. Division of Fish and Game, Ferry Building, San Francisco, Calif. *President:* Lester Bagley, State Game Warden, Cheyenne, Wyo. *Secretary:* Gordon H. True, Jr. Term of President, elected for one year, expires 1942; Secretary, permanent.

History: Organized in 1922 in Salt Lake City. *Reference:* A history of the Western Association will appear in the 1941 Proceedings.

Object: To secure adequate wildlife legislation for the West and to provide a medium for the exchange of information on fish and game management.

Membership: Members are commissioners and paid executives of the fish and game departments of the member states. Annual dues \$25 per state.

Meetings: Annual.

Publications: Proceedings, annual.

1936. Western Governmental Research Association. *President:* Frank M. Stewart, University of California at Los Angeles, Los Angeles, Calif. *Secretary:* Arthur Harris, 117 Library Building, University of California, Berkeley, Calif. Officers elected for one year; terms expire October, 1942.

History: Organized October, 1937, as the California Governmental Research Association; name changed to present title in 1938. *Reference:* Tax Digest, 16: 161, 166-167, 1938.

Object: To provide a means of exchanging ideas, information, and experiences for persons engaged in governmental research, and to develop professional standards of governmental research. The association shall not pass any resolution on public issues nor shall it conduct any research project.

Membership: Active and Associate members. Annual dues \$1.

Meetings: Annual.

Publications: Governmental Research Notes, quarterly, 1-3, 1938-1941, free to members and some libraries. Annual Proceedings, 1-3, 1938-1940, price 50 cents, free to members.

1937. Western Orthopedic Association. *President:* Howard H. Markel, 909 Hyde Street, San Francisco, Calif. *Secretary:* Harry C. Blair, Stevens Building, Portland, Oreg. Officers elected for one year; terms expire November, 1942.

Object: The advancement of the science and art of orthopedic surgery in the western states.

Membership: Charter, Active, Associate, and Emeritus members, and Honorary Fellows.

Annual dues \$5. Total membership 88. List of members available.

Meetings: Annual.

1238. Western Psychological Association. *President:* Ernest R. Hilgard, Stanford University, Calif. *Secretary:* Ralph H. Gundlach, University of Washington, Seattle, Wash. Term of President, elected for one year, expires June, 1942; of Secretary, elected for three years, 1942.

History: Organized August 4, 1921, at a meeting called by Professor E. C. Tolman and the staff of the Psychology Department of the University of California at Berkeley, Calif.

Membership: Members must be members or associates of the American Psychological Association and must reside on the Pacific Coast. Annual dues \$1. Total membership 71. List of members available.

Meetings: Annual.

Publications: Reports of meetings are published annually, usually in October, in the Psychological Bulletin.

1239. Western Society of Engineers. *President:* F. H. Lane, 231 South La Salle Street, Chicago, Ill. *Secretary:* Leigh S. Keith, 205 West Wacker Drive, Chicago, Ill. Officers elected for one year; terms expire June, 1942.

History: Organized 1869 as the Civil Engineers Club of the Northwest; incorporated 1880 under present title. Composed of nine technical sections, two functional divisions, a Junior Engineers' group and two student branches, as follows: *Sections:* Bridge and Structural Engineering; Chemical and Metallurgical Engineering; Communications Engineering; Electrical Engineering; Gas, Fuels, and Combustion Engineering; Hydraulic, Sanitary, and Municipal Engineering; Mechanical Engineering; Traffic Engineering and City Planning; Transportation Engineering. *Divisions:* Consulting Engineers; Engineering History. *Branches:* Chicago Technical College; Illinois Institute of Technology.

Object: The advancement of the theory and practice of engineering, the improvement of the status of engineering practice as a profession, and the maintenance of high professional standards.

Membership: Resident members, 811, entrance fee \$15, annual dues \$15; Non-resident, 157, \$15, \$10; Associate Resident, 306, \$12.50, \$12.50; Associate Non-resident, 47, \$12.50, \$8.50; Affiliate Resident, 25, \$12.50, \$12.50; Affiliate Non-resident, 2, \$12.50, \$8.50; Junior Resident, 66, \$5, \$7.50; Junior Non-resident, 9, \$5, \$5; Student, 32, no entrance fee, annual

dues \$2.50; and Honorary members, 8. List of members included in Yearbook.

Meetings: Weekly, except June to September; annual meeting on the first Monday in June.

Library: 20,000 volumes and pamphlets, and 250 current periodicals on science, technology, and engineering.

Research funds, medals, etc.: WASHINGTON AWARD, a bronze tablet, established 1916, by Past President John W. Alvord of this Society, awarded each year to an engineer in recognition of devoted, unselfish, and pre-eminent service in advancing human progress. The award is made on the recommendation of a Commission consisting of representatives of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, and the Western Society of Engineers; administered by this Society, income from an endowment of \$13,000. CHANUTE MEDAL, established in 1901, by Past President Octave Chanute of this Society, a separate medal to be awarded each year to the three members of the Society presenting the best papers in civil, electrical, and mechanical engineering; income from an endowment of \$1,000. CHARLES ELLET AWARD, name on loving cup, established in 1929, by E. C. Shuman, awarded each year to a Junior member for the best technical paper presented before the Junior Organization. The ALFRED NOBLE PRIZE, of which the American Society of Civil Engineers is trustee, is open to any member, not over thirty years of age, of the Western Society of Engineers or to any member of the four "founder" engineering societies.

Publications: Proceedings, 1-6, 1870-1881. Journal, bimonthly, 1-46, 1896-1941, price \$3 domestic, \$4 foreign, free to members. Bulletin, weekly, except June, July, and August, 1-1930, 50 cents per year, free to members. Yearbook published annually as a part of the Journal.

1240. Western Society of Naturalists. *President:* C. H. Danforth, Stanford University, Calif. *Secretary:* D. L. Fox, Scripps Institution of Oceanography, La Jolla, Calif. Term of President, elected for one year, expires December, 1942; of Secretary, elected for three years, December, 1942.

History: The Biological Society of the Pacific Coast was organized about 1905; name changed 1915 to present title.

Object: The advancement of the natural sciences.

Membership: Active members, annual dues \$1. Total membership 205.

Meetings: Two meetings a year, one in June with the Pacific Division of the American Association for the Advancement of Science, and one in December in one of the states along the Pacific Coast.

Publications: Proceedings, 1- , 1929- , mimeographed.

1241. Western Society of Soil Science. *President:* L. C. Wheating, Washington State College, Pullman, Wash. *Secretary:* W. P. Martin, University of Arizona, Tucson, Ariz. Term of President, elected for one year, expires June, 1942; of Secretary, elected for two years, 1942.

History: Organized in Salt Lake City, Utah, in June, 1922, as the Western Society of Soil Management and Plant Nutrition; name changed to present title in 1925.

Object: To promote fellowship among those engaged in research in the field of soil science, and to foster the discussion of problems peculiar to western soils.

Membership: Entrance fee 50 cents; annual dues 50 cents. Total membership 137. List of members available for \$1.

Meetings: Held annually in conjunction with the Pacific Coast Division of the American Association for the Advancement of Science.

Publications: Abstracts of Papers Presented at Annual Meetings, price 15 cents.

1242. Western Surgical Association. *President:* Willis D. Gatch, 605 Hume Mansur Building, Indianapolis, Ind. *Secretary:* Arthur R. Metz, 2449 Washington Boulevard, Chicago, Ill. Officers elected for one year; terms expire December, 1942.

History: Organized at Topeka, Kans., as the Western Association of Obstetricians and Gynecologists. In 1895, at Kansas City, Mo., the name was changed to the Western Surgical and Gynecological Association; and in 1909 to the present title.

Object: The discussion of surgical subjects.

Membership: Active, Senior, and Honorary members. Entrance fee \$25, annual dues \$20. List of members in Transactions.

Meetings: Annual, in December.

Publications: Yearbook of Transactions, annual, free to members.

White Psychiatric Foundation. See William Alanson White Psychiatric Foundation.

1243. Wild Flower Preservation Society, Inc. 3740 Oliver Street, N. W., Washington, D. C. *President:* P. L. Ricker. *Secretary:* Clara M. Cheatham.

History: Organized April 23, 1902, as the Wild Flower Preservation Society of America;

reorganized December 28, 1924, under present title. *Chapters:* Boston, Cincinnati, Cleveland, Covington (Ky.), Chicago, Macon (Ga.), Milwaukee, Minneapolis, Pennsylvania, Seattle, Youngstown (Ohio). *References:* Plant World, 5: 76, 1902; 6: 292, 1903. Wild Flower, 2, no. 5-6, 1925; 14, no. 2-3, 1937; 17, no. 3, 1940.

Object: The protection of rare native plants, and the establishment of natural preserves.

Membership: Annual members, annual dues \$1.50, including magazine; Subscribing, \$5, including magazine; Contributing, \$10; Sustaining, \$25; Life, one payment of \$100; Patron, \$1,000; Fellow, \$250.

Meetings: Annual, in January. Public lectures are given in January, February, and March in the U. S. National Museum.

Library: 400 volumes on wild flowers and nature education.

Publications: Wild Flower, quarterly, 1-18, 1924-1941, price \$1.50, free on exchange. Circulars, 1-50, price 5-15 cents each. Bulletins, 1-3, 35-50 cents each.

1244. Wilderness Society. 1840 Mintwood Place, Washington, D. C. *Permanent Secretary:* Robert Sterling Yard.

History: Organized January, 1935.

Object: To preserve the remaining primeval and roadless wilderness; to develop its sane, beneficial, and safe use.

Membership: Annual dues \$1. Total membership 775.

Meetings: Annual.

Publications: Living Wilderness, quarterly, 1-6, 1935-1941, free to members. Wilderness News, irregular, issued when needed for promotion and defense of objects of the Society in Congress and Legislatures, free to members and allied organizations.

1245. Wildlife Society. *President:* Richard Gerstell, Pennsylvania Game Commission, Harrisburg, Pa. *Secretary:* Frank C. Edminster, Soil Conservation Service, Upper Darby, Pa. Officers elected for one year, terms expire April, 1942.

History: Following a year of existence as the Society of Wildlife Specialists, formal organization of the Wildlife Society was accomplished at a meeting in St. Louis, Mo., from February 27 to March 2, 1937.

Object: The development of all types of wildlife management along sound biological lines, the establishment of professional solidarity among conservation biologists, and the maintenance of the highest possible professional standards.

Membership: Active members, annual dues \$5; Associate members, \$3. Total membership 900. List of members available.

Meetings: Annual.

Research funds, medals, etc. A scroll citation is awarded for the outstanding writing of the year in the field of the Society's interest.

Publications: Journal of Wildlife Management, quarterly, 1-5, 1937-1941, price \$3, free to members.

1246. William Alanson White Psychiatric Foundation. *President:* Harry S. Sullivan, 9003 Bradley Boulevard, Bethesda, Md. *Secretary:* Ernest E. Hadley, 1835 Eye Street, N. W., Washington, D. C. Officers elected annually; terms expire October, 1942.

History: Incorporated December, 1933.

Object: Research into human personality and interpersonal relations; and in methods of benevolent intervention in the mental disorders of individuals, and in disintegrating, deviant, or dangerous social processes. Post-doctoral training facilities are offered through the Washington School of Psychiatry.

Membership: Membership is composed of the Signers of the Certificate of Incorporation, their Associates, and Trustees. Membership is by invitation only and is limited to 20.

Meetings: Annual, and on special call of the President.

Library: More than 150 volumes on psychiatry and the social sciences.

Publications: Psychiatry, quarterly, 1-4, 1938-1941, price \$6.

1247. Wilson Ornithological Club. *President:* George Miksch Sutton, Laboratory of Ornithology, Cornell University, Ithaca, N.Y. *Secretary:* Maurice G. Brooks, Division of Forestry, West Virginia University, Morgantown, W. Va. Officers elected for two years; terms expire November, 1943.

History: Organized December 3, 1888, at Fall River, Mass., as the Wilson Ornithological Corresponding Chapter of the Agassiz Association; reorganized 1902 under present title.

Object: The promotion of American ornithology by systematic investigations of living birds, by methods of cooperative field work, and by publication of results.

Membership: Active members, annual dues \$3; Associate, \$2; Sustaining, \$5. Total membership 1,107.

Meetings: Annual, usually late in November.

Library: 1,200 volumes on ornithology and natural history, housed at the Museum of Zoology at Ann Arbor, Mich.

Publications: Wilson Bulletin, quarterly, 1-53, 1894-1941, price \$2 domestic, \$4.25 foreign, free to members.

1248. Wisconsin Academy of Sciences, Arts and Letters. *President:* Paul W. Boutwell,

Beloit College, Beloit, Wis. *Secretary:* Loyal Durand, Jr., Science Hall, Madison, Wis. Officers elected for one year; terms expire June, 1942.

History: Organized February 16, 1870; incorporated March 16, 1870.

Object: To encourage investigation, and to disseminate information in the various departments of science, literature, and the arts.

Membership: Active members, 334, Corresponding, 16, Life, 11, and Honorary, 3. Annual dues \$2. List of members in Transactions.

Meetings: Annual.

Research funds, medals, etc.: \$100 is available annually to aid research.

Publications: Transactions, annual or biennial, 1-33, 1870-1941, price \$2 free to members and on exchange.

1249. Wisconsin Archeological Society. Public Museum, Milwaukee, Wis. *President:* T. S. Miller, Public Museum, Milwaukee, Wis. *Secretary:* R. B. Hartman, 1824 North 40th Street, Milwaukee, Wis. Officers elected for one year; terms expire March, 1942.

History: Organized June 12, 1899, as the Archeological Section of the Wisconsin Natural History Society. Incorporated March 23, 1903, as an independent society. *Reference:* History of Wisconsin, by E. B. Usher.

Object: The investigation and preservation of Wisconsin antiquities.

Membership: Annual members, annual dues \$2; Sustaining, \$5; Institutional, \$1.50; Junior, 50 cents; Life, payment of \$25. Total membership 400.

Meetings: Quarterly, January, June, September, and December.

Research funds, medals, etc.: LAPHAM RESEARCH MEDAL, awarded to members for distinguished services in anthropological research.

Publications: Wisconsin Archeologist, 1-41; 1901-1941; price \$2, free to members.

1250. Wisconsin Association for Applied Psychology. *President:* Sadie Shellow, 2520 East Stratford Court, Milwaukee, Wis. *Secretary:* Gilbert J. Rich, 515 Public Safety Building, Milwaukee, Wis. Officers elected for one year; terms expire May, 1942.

History: Organized November 16, 1938, at a meeting called by a committee of the Milwaukee Psychological Association.

Object: The advancement of applied psychology, based upon scientific principles.

Membership: Annual dues \$1. Total membership 15.

Meetings: Annual, in Milwaukee, Wis.

1251. Wisconsin Pharmaceutical Association.
President: Karl J. Henrich, Superior, Wis.
Secretary: Jennings Murphy, 625 North Milwaukee Street, Milwaukee, Wis. Officers elected for one year; terms expire October, 1942.

History: Organized 1880; incorporated 1881.

Membership: Pharmacist Proprietors and Clerks, and Pharmacy Students. Annual dues \$5. Total membership 1,071. List of members available for \$1.

Meetings: Annual convention; one meeting a year in each Congressional district.

Publications: Wisconsin Druggist, monthly, 1933-1941, price \$1.

1252. Wisconsin State Horticultural Society.
President: S. S. Telfer, Ellison Bay, Wis.
Secretary: H. J. Rahmlow, 424 University Farm Place, Madison, Wis. Officers elected for one year; terms expire November, 1942.

History: Organized 1865.

Object: The promotion and advancement of horticulture in Wisconsin.

Membership: Annual, Life, and Affiliated members. Annual dues \$1. Total membership 4,800.

Meetings: Annual.

Publications: Wisconsin Horticulture, 11 issues a year, 1910-1941.

1253. Wistar Institute of Anatomy and Biology.
 36th Street and Woodland Avenue, Philadelphia, Pa. *President:* Esmond R. Long, Phipps Institute, Philadelphia, Pa. *Executive Director:* Edmond J. Farris.

History: Founded 1808, by Caspar Wistar, as a museum of human anatomy, the first of its kind in America. Incorporated 1892, by the University of Pennsylvania and General Isaac J. Wistar for the preservation of the original Wistar Museum and the promotion of researches in anatomy, biology, and allied subjects. In 1905, an Advisory Board of Anatomists was organized with a membership selected from leading American universities, including Canada, whose function is to outline the general scientific policy of the Institute and to promote the widest cooperation among biological institutes of the United States and Canada. The Wistar Institute is the American Central Institute for Brain Investigation, organized by the International Association of Academies.

Object: To maintain the Wistar Museum, and to promote researches in anatomy, biology, and allied subjects.

Membership: The membership is composed of members of the Institute, Associate Members of the Institute, Associates of the Institute, and Fellows.

Library: A library covering zoology, biochemistry, and anatomy, with special reference to neurology is maintained. There are 14, 785 volumes and 38,988 pamphlets.

Research funds, medals, etc.: Funds are available for research fellows interested in neurology, embryology, biochemistry, anatomy, endocrinology, and genetics. A series of biological and biochemical research laboratories, and an extensive animal colony with complete equipment for all lines of research included in the program, are maintained. In 1928, the Effingham B. Morris Biological Farm of 150 acres was added to the equipment of the Wistar Institute. The farm is located in Bucks County, Pa., thirty miles from the Philadelphia laboratories. The farm offers unique opportunities for the study of opossums and batrachian forms, especially *Amblystoma*. Investigators may reside at the farm house while engaged in research work.

Publications: Bulletin, irregular. Journal of Morphology, bimonthly, 1-69, 1887-1941, price per volume \$10 domestic, \$10.50 Canada; vols. 40-51, 1925-1931, as Journal of Morphology and Physiology. Journal of Comparative Neurology, bimonthly, 1-75, 1891-1941, price per volume \$7.50 domestic, \$8 Canada; vols. 14-20, 1904-1910, as Journal of Comparative Neurology and Psychology. American Journal of Anatomy, bimonthly, 1-69, 1901-1941, price per volume \$7.50 domestic, \$8 Canada. Anatomical Record, monthly, 1-81, 1906-1941, price per volume \$7.50 domestic, \$8 Canada; November 24, 1906-February 8, 1908, issued with American Journal of Anatomy; vols. 6-7 include Proceedings of the American Association of Anatomists and of the American Society of Zoologists. Journal of Experimental Zoology, nine issues annually, 1-88, 1904-1941, price per volume \$7.50 domestic, \$8 Canada. American Journal of Physical Anthropology, quarterly, 1-28, 1918-1941, price per volume \$6 domestic, \$6.50 Canada; includes Proceedings of the American Association of Physical Anthropologists. Journal of Cellular and Comparative Physiology, bimonthly, 1-18, 1932-1941, price per volume \$5 domestic, \$5.50 Canada. Journal of Nutrition, monthly, 1-22, 1928-1941, price per volume \$5 domestic, \$5.50 Canada; includes Proceedings of the American Institute of Nutrition. American Anatomical Memoirs, irregular, 1-19, 1911-1941, price varies. Advance Abstract Card Service: Abstracts of all papers published in the Wistar Institute journals issued on cards in advance of the complete paper in the journals, with author and analytical subject index; issued in three styles, price per year, domestic and Canada, Style No. 1, \$2; Style No. 2, \$2.50; Style No. 3, \$3.

1254. Women's Medical Society of New York State. *President:* Marguerite P. McCarthy,

102 Caroline Avenue, Solvay, Syracuse, N. Y.
Secretary: Isobel Borden, State Education Department, Albany, N. Y. Terms of officers, elected for two years, expire April, 1943.

History: Organized March 11, 1907.

Object: To bring the medical women of New York State into communication with each other, and to advance the medical sciences.

Membership: Active and Associate members, annual dues \$2. Life members, payment of \$25.

Meetings: Annual, preceding the date of the State medical meeting; mid-year meeting in January.

Research funds, medals, etc.: MEDICAL EDUCATION FUND, for the medical education of foreign women. GOLDEN JUBILEE MEDAL given to each woman completing fifty years in medicine.

Publications: Medical Woman's Journal, monthly, 1-, 1893-, price \$3.

1255. Wood Chemical Institute, Inc. *Secretary:* J. McCormack, Bradford, Pa. Term expires February, 1943.

History: Incorporated May, 1929, as successor to the National Wood Chemical Association.

Object: To promote the welfare of the hardwood distillation industry in the United States.

Membership: Open to those engaged in hardwood distillation. Annual dues based on size of plant and output.

Meetings: Annual.

1256. Woods Hole Oceanographic Institution. Woods Hole, Mass. *President:* Henry B. Bigelow, Concord, Mass. *Director:* Columbus O'D. Iselin.

History: Founded 1930 as a result of a grant from the Rockefeller Foundation.

Object: To promote oceanographic research.

Meetings: Annual, at Woods Hole, Mass.

Library: Combined with the Marine Biological Laboratory which has 47,697 bound volumes, 116,305 reprints.

Research funds, medals, etc.: An income of about \$110,000 per year is available for research. Two classes of fellowships are offered, one for undergraduates, and one for graduates.

Publications: Papers in Physical Oceanography and Meteorology, three or four issues a year, 1-8, 1931-1941, price varies. Collected Reprints, sold at actual cost \$2 to \$5. Annual Report.

1257. Worcester Engineering Society. *President:* Carl Johnson, Worcester Polytechnic Institute, Worcester, Mass. *Secretary:* Frederic R. Butler, Worcester Polytechnic Institute, Worcester, Mass. Officers elected for one year; terms expire April, 1942.

History: Organized September, 1928.

Object: To promote the arts and sciences connected with the various branches of engineering, to encourage the friendly intercourse of engineers, and to cooperate with others in matters of an engineering nature which affect the public welfare.

Membership: Members of any recognized engineering society, or any engineer, architect, or applied scientist, or any person who by scientific acquirements or practical experience has attained a position in his special pursuit qualifying him to cooperate with engineers in the advancement of professional knowledge and practice, but who is not a professional engineer; any engineering or architectural society may join by voting in its entire membership and accepting the Constitution; members must be at least twenty years of age. Entrance fee \$1, annual dues \$1. Total membership 630.

Meetings: Monthly, except July and August.

Research funds, medals etc.: The Society sponsors a Research Day program in Worcester each year and has a Research Committee which advises small industries on research problems without charge. This committee defines the problem and how it should best be attacked, and suggests competent consultants in this field.

Publications: Worcester Engineering Society Bulletin, monthly, except June, July, and August, 1-13, 1928-1941, free to members.

1258. Wyoming Engineering Society. *President:* Earl Lloyd, Cheyenne, Wyo. *Secretary:* Kirby H. Olds, Cheyenne, Wyo. Officers elected for one year; terms expire January, 1943.

History: Organized March 18, 1918.

Object: To promote the prestige of the engineering profession in Wyoming, to standardize engineering practice and facilitate cooperation, and to promote good fellowship among the members.

Membership: Members and Associate members, entrance fee \$2, annual dues \$2; Junior members, \$1, \$1; Honorary members. Total membership 310. List of members available.

Meetings: Annual.

Publications: Proceedings, annual, mimeographed, free to members.

1259. Wyoming Historical and Geological Society. 69 and 78 South Franklin Street, Wilkes-Barre, Pa. *President:* Dorrance Reynolds, Wyoming National Bank, Wilkes-Barre, Pa. *Recording Secretary:* J. Campbell Collins, Second National Bank Building, Wilkes-Barre, Pa. Terms of officers expire February, 1942.

History: Organized February 11, 1858, to commemorate the one hundredth anniversary of the burning of local anthracite coal in the open grate.

Object: The collection and maintenance of a library and a museum, with special reference to literary, scientific, and historical material relating to Wyoming Valley.

Membership: Annual members, 282, annual dues \$5; Perpetual, 369, Honorary and Corresponding, 57.

Meetings: Irregular.

Library: About 50,000 volumes, 30,000 pamphlets, and 40,000 original manuscripts and photostats on history, genealogy, and archaeology; manuscripts relating to northeastern Pennsylvania, especially Luzerne County, including Sheldon Reynolds Memorial photostat collection; local newspapers, 1796- ; maps.

Museum: Exhibits on history of coal, archaeology, pioneer life, American wars, transportation, birds, and minerals. The Museum lends exhibits.

Research funds, medals, etc.: Special funds, the income of which is to provide lectures, additions to library and museum collections, and for the publishing of the Proceedings.

Publications: Bulletin, vol. 1, no. 1-4, vol. 2, no. 1, price 25 cents a copy, free to members. Proceedings and Collections, biennial, 1-22, 1858-1938, price varies.

1260. Wyoming State Medical Society. President: R. H. Reeve, Casper, Wyo. **Secretary:** Marshall C. Keith, Cheyenne, Wyo. Officers elected for one year; terms expire 1942.

History: Organized 1902.

Object: The promotion of scientific knowledge as applied to medicine.

Membership: Registered physicians in Wyoming, annual dues \$7.50. Total membership 170.

Meetings: Annual, at various places.

Publications: The Society cooperates in the publication of the Rocky Mountain Medical Journal which carries a Wyoming Section, monthly, free to members.

1261. Xi Sigma Pi. Michigan State College, East Lansing, Mich. President: M. E. Deters, School of Forestry, University of Idaho, Moscow, Idaho. **Secretary:** A. B. Bowman. Officers elected for two years; terms expire June 30, 1942.

History: Founded 1908 at the University of Washington. **Chapters:** University of Washington, Michigan State College, University of Maine, University of Minnesota, University of Idaho, Oregon State College, Pennsylvania State College, University of California, Purdue University, Utah State Agricultural College, North Carolina State College, Louisiana University, University of Georgia.

Object: To advance the profession of forestry, to promote high scholarship standards in

forest education, and to increase fraternal relationships among foresters.

Membership: Members are required to be in the upper third of their class. Junior and Senior members. Entrance fee \$5, annual dues 50 cents. Total membership 1,850.

Meetings: Every two years.

Publications: Xi Sigma Pi Record, biennial.

1262. Zoological Society of Philadelphia. Zoological Garden, 34th Street and Girard Avenue, Philadelphia, Pa. President: Williams Biddle Cadwalader, 133 South 36th Street, Philadelphia, Pa. **Secretary:** Radcliffe Cheston, Jr., 1411 Chestnut Street, Philadelphia, Pa.

History: Incorporated March 21, 1859; the Garden was opened to the public July 1, 1874.

Object: The furtherance of education, science, and recreation.

Membership: Annual members, annual dues \$10; Life, fee of \$100; Junior, fee of \$10.

Meetings: The Executive Committee meets the second Wednesday of each month. The Board of Directors meets the third Thursday of each month. Annual meeting, the fourth Thursday in April.

Publications: Annual Report of the Society. Annual Report of the Penrose Research Laboratory. Fauna, quarterly natural history magazine.

1263. Zoological Society of San Diego. Balboa Park, San Diego, Calif. President: W. C. Crandall, 7954 Roseland Drive, La Jolla, Calif. **Secretary:** Fred Kunzel, San Diego Trust and Savings Bank, San Diego, Calif. Officers elected for one year; terms expire August, 1942. **Executive Secretary:** Belle J. Benchley.

History: Organized as a scientific and educational institution; incorporated October, 1916. **Reference:** My Life in a Man-Made Jungle by Belle J. Benchley.

Object: To maintain a zoological park.

Membership: Annual, Sustaining, and Life members. Annual dues \$5. Total membership 575.

Meetings: Annual.

Research funds, medals, etc.: Two research fellowships are provided by funds from the Scripps Foundation and the Zoological Society for work in the Zoological Hospital.

Publications: Zoonooz, monthly, 1-13, 1933-1941, price \$1, free to members.

ADDENDA

1264. American Society for Public Administration. 1313 East 60th Street, Chicago, Ill. President: Louis Brownlow. **Secretary:** MacDonald Salter. Term of President, elected

for one year, expires December, 1942; Secretary appointed.

History: Organized December, 1939. *Chapters:* Boston, Chicago Area, Minnesota, Sacramento, San Francisco Bay Area, Los Angeles, Virginia, Washington, D. C., New York Metropolitan Area, Utah, Kansas, Alabama.

Object: To facilitate the exchange of knowledge and the results of experience among persons interested in or engaged in the field of public administration; to stimulate more extensive discussion, research, and experimentation in administrative policies and practices involved in the management of public services; to encourage the collection, compilation, and dissemination of information on matters relating to public administration; to foster a continuous consideration of the problems of administration with reference to their general economic, social, and political implications; and to advance generally the science, processes, and art of public administration.

Membership: Regular members, annual dues \$5; Sustaining, \$10 or more; Junior, \$3. Total membership 1,991, as of January 20, 1942.

Meetings: Annual, at various places.

Publications: Public Administration Review, quarterly, 1-, price \$5.

1265. Helminthological Society of Washington. *President:* A. O. Foster, Bureau of Animal Industry, Washington, D. C. *Corresponding Secretary:* Edna M. Buhner, Bureau of Plant Industry, Washington, D. C. Officers elected for one year; terms expire October, 1942.

History: Organized October 8, 1910; affiliated with the Washington Academy of Sciences in 1923.

Object: To furnish an organization for those interested in helminthology, medical entomology, protozoology, parasitology, and related subjects, including all animal parasites of both plant and animal hosts.

Membership: Active, Honorary, Corresponding, and Life members. Active members, 58, annual dues \$5; Honorary and Life, 3.

Meetings: The third Wednesday of each month, October to May, inclusive, in Washington.

Publications: Proceedings, 1-, 1934-, price \$1 domestic, \$1.25 foreign, included in dues of Active members. Previous to this date the Proceedings were published in Science and the Journal of Parasitology.

1266. John Burroughs Memorial Association, Inc. American Museum of Natural History, 77th Street and Central Park West, New York, N. Y. *President:* Clyde Fisher. *Secretary:* Farida A. Wiley. Officers elected for one year; terms expire April, 1942.

History: Organized after the death of John Burroughs, in April, 1921.

Object: To further the principles set forth by John Burroughs, author and naturalist.

Membership: Active members, annual dues \$5; Associate, \$1; Junior, 25 cents; Sustaining, \$25; Life, \$100. Total membership, about 125.

Meetings: Annual, at the American Museum of Natural History; one meeting a year is held at Slabsides.

Research funds, medals, etc.: BURROUGHS MEDAL, awarded annually for the best writing in the field in which John Burroughs was interested.

1267. National Institute of Psychology. *President:* John A. McGeech, University of Iowa, Iowa City, Iowa. *Secretary:* G. R. Wendt, Wesleyan University, Middletown, Conn. Officers elected for one year; terms expire September, 1942.

History: Incorporated 1929 in the District of Columbia.

Object: The advancement of American psychology.

Membership: Active members, required to be less than sixty years of age, citizens of the United States, and contributors to experimental psychological research; Associate; Honorary. Entrance fee \$5. Total membership 43. List of members available for 50 cents.

Meetings: Annual, at various places.

1268. Nutrition Foundation, Inc. *Chairman, Board of Trustees:* Karl T. Compton, Massachusetts Institute of Technology, Cambridge, Mass. *President:* George A. Sloan, Commissioner of Commerce, New York, N. Y. *Scientific Director:* Charles G. King, University of Pittsburgh, Pittsburgh, Pa.

History: Incorporated at Albany, N. Y., under the Membership Corporations Law of the State of New York, 1941.

Object: To develop and apply the science of nutrition in its fundamental conception and practical significance as a basic science of public health; to aid the food industry in appropriately solving its general and individual problems relating to that science; and to do so by lawful and effective means, as a public institution operated on a non-profit basis and dedicated to improve the food and diet and thus to better the health of the people of the United States of America.

Membership: The board of trustees includes officers of manufacturers in the food industry which contributed the operating fund, together with Americans prominent in government, business, and national life, as well as representatives of other companies which may join the Foundation.

Research funds, medals, etc.: The Foundation has an operating fund amounting to several hundred thousand dollars for the support of research in cooperating scientific research labora-

tories or for other activities which will improve health through better nutrition.

1269. Society for the Prevention of Asphyxial Death, Inc. 38 East 61st Street, New York, N. Y. *President-Director of Activities:* Paluel J. Flagg. *Secretary:* Robert Wilson, 90 Eighth Avenue, Brooklyn, N. Y.

History: Incorporated February 8, 1933.

Object: To call attention to the frequency of accidental death due to asphyxiation, to co-

ordinate those agencies and groups whose normal activities bring them into frequent contact with asphyxial emergencies, and to bring into action such trained personnel and modern equipment as may be found appropriate to meet the demands of the specific problem.

Membership: Founders, donation of \$5,000; Donors, \$1,000; Contributors, \$100. In the P.A.D. Clubs there are Corporate members and Sustaining individual members, with annual dues of \$10 and \$5 respectively.

CANADA

SCIENTIFIC AND TECHNICAL SOCIETIES
AND INSTITUTIONS

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OF
CANADA

FOURTH EDITION

COMPILED BY S. J. COOK AND P. A. HOWARD

1. **Academy of Medicine, Toronto.** 13 Queen's Park, Toronto, Ont. *President:* Charles J. Copp, 196 Wellesley Street, Toronto, Ont. *Secretary:* E. W. Mitchell, Medical Arts Building, Toronto, Ont. Officers elected for one year; terms expire May, 1942.

History: Organized May 31, 1907. *Sections:* Medicine, Surgery, Paediatrics, Pathology, Obstetrics and Gynaecology, Ophthalmology, Otolaryngology, Anaesthesia, Preventive Medicine and Hygiene, Urology, Neurology and Psychiatry.

Object: The advancement of the art and science of medicine with its collateral branches; the promotion and maintenance of an efficient library and museum; the improvement of the profession; the cultivation of harmony and good feeling among its fellows; and the promotion of the corporate influence of the profession in relation to the community.

Membership: 1,178 members, entrance fee \$20, annual dues \$20. Any qualified, regular medical practitioner, or anyone engaged in teaching or research work in medicine or an allied science, resident in Toronto, shall be eligible for resident fellowship.

Meetings: Monthly, October to April. Sectional meetings, monthly, October to April.

Library: 29,586 volumes on medicine.

Publications: Bulletin of the Academy of Medicine, Toronto, monthly, free to members.

2. **Alberta Association of Architects.** *President:* J. Martland, 501 Civic Block, Edmonton, Alta. *Honorary Secretary:* M. C. Dewar, 501 Civic Block, Edmonton, Alta. Officers elected for one year; terms expire January, 1942.

History: Incorporated May 8, 1906.

Object: To protect the public interests in the erection of public and private buildings in the Province of Alberta, to enable persons requiring professional aid in architecture to distinguish between qualified and unqualified architects, and to ensure a standard of efficiency and further the advancement of art in architecture.

Membership: Entrance fee \$25; annual dues \$15. Total membership 25. List of members available.

Meetings: Monthly.

3. **Alberta Land Surveyors' Association.** *President:* A. Cormack, Calgary, Alta. *Secretary:* J. H. Holloway, Department of Public Works, Edmonton, Alta. Officers elected for one year; terms expire January, 1942.

History: Organized June 1, 1910.

Object: To maintain high technical and ethical standards in the practice and profession of land surveying.

Membership: Entrance fee \$50, annual dues \$10. Total membership 39. List of members available.

Meetings: Annual, in Edmonton; every third meeting in Calgary.

Library: 250 volumes dealing with the technical and legal aspects of land surveying.

Publications: Annual Report, free to members.

4. **Alberta Pharmaceutical Association.** *President:* M. J. Warner, 10345 Ninety-seventh Street, Edmonton, Alta. *Registrar:* V. E. Hessel, Okotoks, Alta. Term of President, elected for one year, expires June, 1942.

Membership: Total membership 476. List of members available for \$2.

Meetings: Annual.

5. **Alberta Veterinary Association.** *Secretary:* G. E. Lay, Innisfail, Alta.

History: Organized 1906.

Membership: Entrance fee \$50, annual dues \$5. Total membership 46.

Meetings: Biennial, held alternately at Calgary and Edmonton.

6. **Alpine Club of Canada.** Banff, Alta. *President:* A. S. Sibbald. *Secretary:* Major W. R. Tweedy, R. R. 1, Summerland, B. C.

History: Organized 1906; incorporated 1909. Affiliated with the Alpine Club, England. *Local Sections:* Vancouver Island, Vancouver, Cal-

gary, Edmonton, Saskatoon, Regina, Winnipeg; New York; Minneapolis; London, England. The Glacier Section undertakes the reporting on various glaciers, measurement, and changes. The Science Section is formed for the study of botany, geology, entomology, etc. These last sections report to the Annual Meeting and publish articles in the Journal from time to time.

Object: The promotion of scientific study and exploration of Canadian alpine and glacial regions; the cultivation of art in relation to mountain scenery; the education of Canadians to an appreciation of their mountain heritage; the encouragement of mountain craft and the opening of new regions as national playgrounds; the preservation of the natural beauties of the mountain places and of the fauna and flora in their habitat; and the interchange of literature with other alpine and geographical organizations.

Membership: Active members, entrance fee \$5, annual dues \$7.50; members living outside the North American continent, \$5; Subscribing members, \$5; and Honorary members. Total membership 501. List of members published with the Constitution.

Meetings: Annual Camp; in addition, the Clubhouse at Banff is open from June to September yearly.

Library: Approximately 1,500 volumes on mountaineering, ski-ing and allied subjects, botany, geology, maps, and exploration.

Research funds, medals, etc.: The badge of the Alpine Club of Canada may be awarded to members for achievement in mountaineering, or, by unanimous consent of the Executive Board, for distinction in literature, science, or art, relating to mountains, including Alpine exploration or travel.

Publications: Canadian Alpine Journal, annual, 1-28, 1907-1940, price \$2, free to members. Gazette, issued twice yearly.

7. Architects' Association of New Brunswick.

13 Germain Street, Saint John, N. B. *President:* H. C. Mott. *Secretary:* Garnet W. Wilson. Officers elected for one year; terms expire January, 1942.

History: The Maritime Association of Architects was organized in Moncton, N. B., September 26, 1927, with a representative number of architects present from the Maritime Provinces, Quebec and Ontario. In April, 1932, the Nova Scotia Association of Architects was formed. On October 21, 1932, the Association of Architects of New Brunswick was formed; the present title was adopted in February, 1933, and the Association was incorporated on August 29, 1933. The Maritime Association of Architects was dissolved in May, 1933.

Object: To govern the practice of architecture within the province of New Brunswick and

those who may legally practise that profession, to develop and maintain high standards in the architectural profession; and to facilitate the acquirement and interchange of professional knowledge among its members and enhance the efficiency of the profession in public service.

Membership: Entrance fee \$15; license fee for non-resident architects \$25.

Meetings: Annual, in January; special meetings when necessary; Council meetings from time to time as called.

Publications: Registered members receive the Journal of the Royal Architectural Institute of Canada, which serves as the official organ of the Association.

8. Architectural Institute of British Columbia.

119 West Pender Street, Vancouver, B. C. *President:* George C. Nairne, 1930 Marine Building, Vancouver, B. C. *Honorary Secretary:* S. M. Eveleigh, 1929 West 44th Avenue, Vancouver, B. C. Officers elected for one year; terms expire December, 1941.

History: Founded 1914; incorporated April, 1920.

Object: The protection of the public interests in the erection of buildings in British Columbia, and the advancement of architecture.

Membership: Entrance fee \$50, annual dues \$35. Total membership 65. List of members available.

Meetings: Annual.

9. Art, Historical and Scientific Association.

Hastings and Main Streets, Vancouver, B. C. *President:* Charles Hill-Tout. *Secretary:* T. P. O. Menzies, City Museum, Vancouver, B. C.

History: Organized April 17, 1894.

Object: The furtherance of art, history, and science.

Membership: Annual dues \$1. Total membership 200.

Meetings: The directorate meets monthly.

Library: 500 volumes.

10. Association Canadienne-Française pour l'Avancement des Sciences.

4101 est, rue Sherbrooke, Montreal, Que. *President:* Henri Roy. *Secrétaire:* Jacques Rousseau.

History: Founded in 1924; Charter granted in 1931.

Object: The promotion of science.

Membership: The Association is a federation of forty-one societies: Société agronomique de l'Institut agricole d'Oka, R. P. Norbert, president; R. P. Louis-Marie, secretary; founded 1938; 24 members. Société agronomique de Québec, André Auger, president; Roland Lépérance, secretary; founded 1920; 118 members. Société agronomique de Ste-Anne

de la Pocatière, Florian Champagne, president; Eloi Guillemette, secretary; 56 members. Société canadienne d'Histoire naturelle et Cercles des Jeunes Naturalistes, L.-G. Morin, president; Pierre Dansereau, secretary; founded 1923; 191 members; C. J. N. 800. Société canadienne-française d'Électrologie et de Radiologie médicales, Albert Comtois, president; Origène Dufresne, secretary; founded 1928; 28 members. Société de Biologie de Montréal, E. G. Asselin, president; Louis-Paul Dugal, secretary; founded 1922; 90 members. Société de Chimie de Québec, Jean-Berchmans Garneau, president; Louis Cloutier, secretary; founded 1934; 70 members. Société de Géographie de Montréal, François Vézina, president; Benoit Brouillette, secretary; founded 1939; 100 members. Société de Géographie de Québec, Fernand Fafard, president; L.-Z. Rousseau, secretary; founded 1887. Société de Mathématiques de Québec, A. Tremblay, president; J.-B. Michaud, secretary. Société de Mathématiques et d'Astronomie, Montréal, A. Wendling, president; L. Brunotto, secretary; founded 1924. Société dentaire de Montréal, Alphonse Plessis-Bélair, president; Gérard de Montigny, secretary; founded 1925; 76 members. Société de Pédagogie de Montréal, Jean Martin, president; T. Blais, secretary; founded 1938; 46 members. Société de Philosophie de Montréal; founded 1925. Société de Philosophie de Québec, Charles de Koninck, president; Louis-Philippe Pigeon, secretary; founded 1935; 14 members. Société de Physiologie de Québec, Roland Desmeules, president; Louis Rousseau, secretary; founded 1938; 39 members. Société de Physique et de Chimie, Montréal, A.-V. Wendling, president; Léon Lortie, secretary; founded 1931; 75 members. Société des Sciences morales et politiques de Montréal, Raymond Tanghe, president; Rolande Provencher, secretary; founded 1935; 15 members. Société de Stomatologie de Québec, Lucien Beaumont, president; Léo Lepage, secretary; founded 1924; 34 members. Société de Sylviculture de Québec, Omer Lussier, president; R. Bellefeuille, secretary; founded 1934; 116 members. Société d'Études économiques de Québec; founded 1936. Société d'Études médiévales d'Ottawa, R. P. Louis-Marie Régis, o. p.; R. P. Julien Péghaire, c. s. sp., secretary; founded 1930; 17 members. Société d'Histoire naturelle de la Pocatière, Elzéar Campagna, president; René-O. Lachance, secretary; founded 1936; 22 members. Société d'Histoire régionale de Québec; founded 1937. Société d'Histoire régionale de St-Hyacinthe, chanoine J.-B.-O. Archambault, president; Jean-Paul Morin, secretary; founded 1937; 25 members; Société du Parler français au Canada, abbé Aimé Labrie, president; abbé Saint-Georges Bergeron, secretary; founded 1902; 25 members. Société historique de Joli-

ette, J.-Mathias Tellier, president; abbé Wilfrid Caillé, secretary; founded 1929; 46 members. Société historique de Montréal, Mgr. Olivier Maurault, president; Jean-Jacques Lefebvre, secretary; founded 1858; 135 members. Société historique de Rigaud, R. P. Gaspard Ducharme, c. s. v., president, R. P. Eucher Lefebvre, c. s. v., secretary; founded 1931; 20 members. Société historique et littéraire acadienne, R. P. Omer LeGresley, president; abbé Jé-A. Allard, secretary; founded 1928; 20 members. Société Lévisienne d'Histoire naturelle, J.-Arthur Fafard, president; Charles-Eugène Gagnon, secretary; founded 1931; 43 members. Société linnéenne de Québec, R. P. Joseph-Henri Fournier, o. f. m., president. G.-Wilfrid Corrivault, secretary; founded 1929; 76 members. Société médicale de Montréal; founded 1874. Société médicale de Québec, R. Rainville, president; de la Broquerie Fortier, secretary; founded 1879; 145 members. Société médicale des Hôpitaux universitaires de Québec, J.-Edmour Peron, president; Roland Desmeules, secretary; founded 1931. Société médicale vétérinaire de la Province de Québec, J.-M. Veilleux, president; Maurice Panisset, secretary; founded 1938. Société Provancher d'Histoire naturelle, Robert Hunter, president; Louis-B. Lavoie, secretary; founded 1918; 512 members. Société scientifique de l'Outaouais, Louis Charbonneau, president; Gérard Chénier, secretary; founded 1939; 57 members. Société thomiste de l'Université d'Ottawa, R. P. Léo Deschatelets, president; R. P. Julien Gendron, secretary; founded 1929. Société trifluvienne d'Histoire régionale, L.-D. Durand, president; abbé Albert Tessier, secretary; founded 1926; 67 members; Société zoologique de Québec, Georges Maheux, president; J.-A. Brassard, secretary; founded 1932; 170 members.

Meetings: A congress is held every year in October.

Research funds, medals, etc. The Association grants funds for the publication of scientific memoirs in French.

Publications: Annales de l'ACFAS, 1-7, price \$1; this is the registration fee of the annual Congress.

11. *Association des Médecins de Langue Française de l'Amérique du Nord.* 326 St. Joseph Boulevard East, Montreal, Que. *General Director:* R. E. Valin. *Secretary:* Donatien Marion.

History: Founded in 1902.

Object: The promotion of medical science.

Membership: Annual dues \$6. Total membership 800.

Meetings: Biennial.

Publications: Bulletin of the Association, quarterly, first issue January, 1935.

12. **Association of Canadian Fire Marshals.** 505 Plaza Building, Ottawa, Ont. *President:* Col. S. S. Wright, Roy Building, Halifax, N. S. *Secretary:* W. L. Clairmont. Term of President, elected for one year, expires 1942; Secretary appointed permanently.

Object: To promote a better understanding between its members, to develop uniformity of action and legislation, and generally to promote fire prevention work.

Membership: Class A members, consisting of provincial fire marshals and fire commissioners who by reason of their office are *ex officio* fire marshals, the fire marshals of the cities of Montreal and Quebec, the Dominion Fire Commissioner and their respective deputies; annual fees by assessments based upon the fire insurance premiums written in the respective provinces. Class B members, consisting of persons holding executive office in any fire prevention organization; annual fee \$1, applicable to all persons who are not officials in the offices that pay assessments.

Meetings: Annual.

Publications: Statistical Report of Fire Losses in Canada, annual, 1922-1940, free upon request.

13. **Association of Manitoba Land Surveyors.** *President:* H. E. Beresford, Department of Mines and Natural Resources, Provincial Government, Winnipeg, Man. *Secretary:* P. Eaton, Survey Department, City Hall, Winnipeg, Man. Officers elected for two years; terms expire January 21, 1942.

History: Incorporated 1881 by Act of Legislature as the Association of Provincial Land Surveyors; name changed to present title in 1904. *Reference:* The Board of Examiners for Manitoba Land Surveyors, 1881-1940, published in the Canadian Surveyor, October, 1940.

Object: The protection of the public from unqualified persons.

Membership: Final examination fee \$50; fee for commission \$50; annual dues \$5 to \$10. Total membership 31. List of members available.

Meetings: Annual, in Winnipeg.

Library: Approximately 25 volumes on engineering and surveying.

Research funds, medals, etc.: Annual scholarship of \$50 awarded to students in surveying subjects at the University of Manitoba.

Publications: Annual Report, issued in 1915, 1916, 1917, 1918, 1922, 1924, and 1930.

14. **Association of Ontario Land Surveyors.** *President:* N. A. Burwash, Parliament Building, Toronto, Ont. *Secretary:* L. V. Rorke, 331 Bay Street, Toronto, Ont. Officers elected for one year; terms expire February, 1942.

History: Organized February 23, 1886, as the Association of Provincial Land Surveyors; incorporated April 14, 1892, under the present title.

Membership: 220 Active members, admitted by examination only, annual dues \$10; 85 Retired members.

Meetings: Annual meetings held in February in Toronto.

Library: A library is maintained on the practice of surveying.

Publications: Annual Report, price \$1, free to members. Exchanged with other Canadian associations of land surveyors.

15. **Association of Professional Chemists of Quebec.** *President:* W. R. McGlaughlin. *Secretary-Registrar:* Arthur F. Watson, 914 Laport Avenue, Montreal, Que.

History: Organized under authority of Quebec Legislative Assembly Bill No. 87, dated March 11, 1926.

Object: To promote the interests of professional chemists; to advance chemistry as a science for the benefit of the public, and to cooperate with organizations of chemists and chemical societies in other provinces and countries.

Membership: Initiation fee \$15; fee for publication in Quebec Official Gazette \$5, annual dues \$1. Total membership 90.

Meetings: Annual, at a place selected by the Council.

16. **Association of Professional Engineers of Alberta.** University of Alberta, Edmonton, Alta. *President:* W. E. Cornish. *Registrar:* H. R. Webb. Term of President, elected for one year, expires March, 1942; of Secretary, elected for two years, 1943.

History: Formed in 1920 to administer the Alberta Engineering Profession Act.

Object: To protect the public from the practices of unqualified persons acting as engineers, and to provide a limited amount of protection to Association members.

Membership: Members, 295; engineers-in-training, 75; pupils, 250. Entrance fee \$10, annual dues \$10. List of members available.

Meetings: Three meetings each year held in rotation in Calgary, Edmonton, and Lethbridge.

Research funds, medals, etc.: Five bursaries of \$25 each are awarded to the University of Alberta.

17. **Association of Professional Engineers of Nova Scotia.** *President:* J. Lorne Allan, Dartmouth, N. S. *Secretary:* S. W. Gray, P. O. Box 731, Halifax, N. S. Term of President, elected for one year, expires January, 1942; Secretary appointed for an indefinite period.

History: Incorporated May 22, 1920.

Object: To offer legal protection to the engineering profession in Nova Scotia.

Membership: Entrance fee \$10, annual dues, \$5 domestic, \$100 foreign. Total membership 249. List of members available.

Meetings: Monthly, if necessary.

Research funds, medals, etc.: Two awards comprise a Student's Prize of \$25 and a Certificate to a Nova Scotia Technical College Student.

18. Association of Professional Engineers of Saskatchewan. P. O. Box 101, Regina, Sask. *President:* R. A. McLellan, 409 Balfour Apartment, Regina, Sask. *Acting Secretary:* Stewart Young. Term of President, elected for one year, expires December, 1941; Secretary appointed for the duration of the war at the pleasure of the Executive committee.

History: Organized May 1, 1930.

Object: The protection of the public through a system of registration of qualified engineers.

Membership: Members and Registered members, entrance fee \$20, annual dues \$7 resident, \$5 non-resident. Total membership 162. List of members available.

Meetings: Annual, the third Friday in February. Special meetings are held when it is deemed necessary.

Research funds, medals, etc.: An engineering prize of \$50 is awarded to the most deserving engineering student in the graduating class of the University of Saskatchewan.

19. Association of Professional Engineers of the Province of British Columbia. *President:* F. W. MacNeill. *Registrar and Secretary-Treasurer:* J. C. Oliver, 930 Birks Building, Vancouver, B. C.

History: Founded by special Act of the Legislature of the Province of British Columbia, and incorporated, 1920.

Object: The protection of the public by the development of a formal system of entry to the profession, and regulation thereafter within the profession, comprehending both the university-trained and the office- or works-trained engineer.

Membership: 826 registered engineers, entrance fee \$15, annual dues \$10, first year \$20; 531 engineers-in-training, \$10, \$5; 281 engineering pupils, \$5, \$2.

Meetings: Annual general meeting; council meets monthly.

Library: A library containing modern textbooks is maintained for the use of students taking the profession's system of examinations.

Research funds, medals, etc.: Five annual prizes of \$25 each are awarded to third year students in each of the five branches of engineering at the University of British Columbia. There is a revolving loan fund of \$1,000 for

the use of engineering pupils in attendance at the University of British Columbia.

Publications: Yearbook. Syllabuses of examinations.

20. Association of Professional Engineers of the Province of Manitoba. P. O. Box 21, Winnipeg, Man. *President:* George E. Cole, *Secretary:* C. S. Landon. Officers elected for two years; terms expire 1942.

History: Founded by Act of Legislative Assembly of the Province of Manitoba, March, 1920.

Object: To protect the public from disadvantages which might be occasioned by the employment of unqualified, incompetent, or unscrupulous persons styling themselves as engineers; to secure for the province a high standard of engineering ability; and to safeguard the legally and technically qualified engineer against usurpation of his legitimate functions by persons not qualified to practise the engineering profession.

Membership: 290 registered professional engineers, entrance fee \$25, annual dues \$5. Temporary licenses to practise are granted to members of similarly constituted associations of professional engineers for \$25. List of members available.

Meetings: Annual general meeting held on the third Thursday of January. Council meetings monthly.

Library: Operated in conjunction with that of the University of Manitoba. 300 volumes covering various branches of engineering.

Research funds, medals, etc.: Annual award of two scholarships to engineering students at the University of Manitoba.

Publications: Yearbook, published every three years.

21. Association of Professional Engineers of the Province of New Brunswick. Box 24, Saint John, N. B. *President:* G. L. Dickson, Canadian National Railways, Moncton, N. B. *Secretary:* C. C. Kirby, 186 Germain Street, Saint John, N. B. Term of President, elected for one year, expires January, 1942; Secretary serves at the pleasure of the council.

History: Incorporated April 24, 1920.

Object: To control the practice of professional engineering in the Province of New Brunswick under authority of the Engineering Profession Act.

Membership: Entrance fee \$20, annual dues \$2.50. Total membership 150. List of members published in Proceedings.

Meetings: Annual, in January, in Saint John.

Publications: Proceedings of annual meeting.

22. Association of Professional Engineers of the Province of Ontario. Room 905, 350 Bay

Street, Toronto, Ont. *President:* S. R. Frost, 706 Royal Bank Building, Toronto, Ont. *Secretary:* Walter McKay. *Registrar:* Major M. B. Watson, 119 St. George Street, Toronto, Ont.

History: Incorporated 1922 by the Legislature of Ontario, Chapter 206, R. S. O., 1927; Act amended 1937 by the Legislature of Ontario, Chapter 237, R. S. O., 1937. *Reference:* A Brief History of Legislation Pertaining to the Association of Professional Engineers of the Province of Ontario, by J. Clark Keith.

Object: The registration of professional engineers.

Membership: Registered members, Recorded Engineers-in-Training; annual dues \$10 each year for the first two years of membership and \$5 for each year thereafter. Total membership 2,718. List of members available.

Meetings: Council meetings are held in January, April, July, and October. Special Meetings are held at call of President or Executive Committee. General meetings are called by the President with the consent of the Council, or by the Secretary-Treasurer upon petition of 25 members.

Research funds, medals, etc.: Contribution of \$500 in 1932 to the Ontario Research Foundation.

Publications: News Letter, 1-2, 1940-1941, free to members.

23. Association Pharmaceutique de la Province de Québec. *President:* G. A. Lapointe. *Secretary-Registrar:* H. J. Pilon, 354 Ste. Catherine Street East, Montreal, Que.

History: Incorporated 1870.

Object: To organize the chemists and druggists as a professional body and as the governing council regarding the teaching of pharmacy and pharmacology.

Membership: Licentiate of Pharmacy, entrance fee \$32, annual dues \$10. Total membership 500.

Meetings: Monthly.

Library: 600 volumes on chemistry, botany, pharmacy, materia medica, hygiene, and deontology.

Research funds, medals, etc.: Gold and silver medals.

Publications: Annual Report, free to members.

24. Banting Research Foundation. *President:* C. S. Macdonald, Confederation Life Association, Toronto, Ont. *Secretary:* V. E. Henderson, 137 Medical Building, University of Toronto, Toronto, Ont. Officers elected for one year, subject to reelection.

History: Incorporated under Letters Patent, July 22, 1925.

Object: The financing of medical research.

Meetings: The Trustees meet in Toronto when called.

25. British Columbia Pharmaceutical Association. *President:* W. A. McGill, Kelowna, B. C. *Secretary:* Robert G. Stewart, 1003 Vancouver Block, Vancouver, B. C. Officers elected for one year; terms expire June, 1942.

History: Founded in 1891. *Reference:* Special Golden issue of the Western Druggist, June, 1941.

Object: The regulation and promotion of the practice of the profession of pharmacy in British Columbia.

Membership: Limited to pharmaceutical chemists. Annual dues \$5. Total membership 551. Certified Clerks, 15, \$5; Certified Apprentices, 96, \$1. List of members available.

Meetings: Annual.

Research funds, medals, etc.: T. M. HENDERSON GOLD MEDAL, awarded annually to the B. C. Apprentice scoring the highest total marks at Pharmaceutical Chemist Examinations. MALINCKRODT CHEMISTRY PRIZE, of \$25, awarded annually to the B. C. Apprentice scoring the highest chemistry mark at Pharmaceutical Chemist Examinations.

Publications: Western Druggist, monthly, 1-10, 1932-1941, free to members.

26. British Columbia Veterinary Association. *President:* S. N. Wood, Vancouver, B. C. *Secretary:* W. Graham Gillam, 2062 East 33rd Street, Vancouver, B. C. Officers elected for one year; terms expire September, 1942.

History: Incorporated 1907.

Object: To look after the professional interests of members, and the examination of veterinarians wishing to practise within the province.

Membership: Examination fee \$25, annual dues, domestic \$5, foreign \$3. Total membership 60.

Meetings: As occasion may require.

27. Canadian Association of Occupational Therapy. 331 Bloor Street West, Toronto, Ont. *President:* Goldwin W. Howland, 72 Forest Hill Road, Toronto, Ont. *Secretary:* Miss H. P. Le Vesconte, 490 Summerhill Avenue, Toronto, Ont.

History: Organized in 1926; Dominion Charter granted in 1934. *Provincial Societies:* Ontario Society of Occupational Therapy; Quebec Society of Occupational Therapy. *Local Branches:* Hamilton, London, Toronto, Montreal, Eastern. *Affiliated:* Vancouver Occupational Industries.

Object: To develop occupational therapy in Canada.

Membership: Professional aides; Associate members, not registered; and Honorary members. Annual dues \$5.

Meetings: Monthly, in Toronto.

Publications: Canadian Journal of Occupational Therapy, 1-8, 1933-1941, price \$1, free to members.

28. Canadian Association of Radiologists. *Secretary:* W. L. Ritchie, Montreal General Hospital, Montreal, Que.

29. Canadian Association of Textile Colourists and Chemists. Quebec Section. *President:* Gordon C. Taylor, Carl Stohn of Canada, Granby, Que. *Secretary:* William King, Canadian Textile Journal, 1434 Ste. Catherine Street West, Montreal, Que. Officers elected for one year; terms expire March, 1942.

History: Started in April, 1936.

Object: To benefit its members by increasing knowledge of the application of dyes and chemicals in the textile industry, by increasing research work on chemical processes and materials of importance in the textile industry, by establishing channels for increased interchange of professional knowledge and ideas, and by sponsoring and encouraging technical education in the textile industry.

Membership: Active and Associate members, annual dues \$5. Total membership 110.

Research funds, medals, etc.: C. A. T. C. C. medal given to leading students in class on dyeing and chemistry held at Sir George Williams College, Montreal.

Publications: The Canadian Textile Journal acts as the official publication of the Association.

30. Canadian Ceramic Society. 49 Turner Road, Toronto 10, Ontario. *President:* W. F. Findlay, Carleton Place, Ont. *Secretary:* Gordon C. Keith.

History: The Clay Workers' Association was organized in 1901, later it was known as the Canadian Clay Products Manufacturers Association; the Canadian National Clay Products Association was organized in 1913, and the Canadian Porcelain Enamellers' Association in 1930; these groups united as the Canadian Ceramic Society in 1932. **Sections:** Clay and Enamel. **Reference:** History of the Canadian Ceramic Society, by Professor R. J. Montgomery, Vol. 2, 1932.

Object: To further the knowledge of the raw materials and products used in the ceramic industry, to apply ceramic principles and study to manufacturing processes, and to obtain and publish new information.

Membership: Active, Associate, and Corporation members. Annual dues \$2. Total membership 168.

Meetings: Annual.

Research funds, medals, etc.: An award of \$50 is granted annually to ceramic students.

Publications: Journal, annual, 1-10, 1932-1941, price \$2, free to members. Yearbook, price \$2.

31. Canadian Chemical Association. 366 Adelaide Street West, Toronto, Ont. *President:* D. Lorimer, May and Baker Limited, Montreal, Que. *Secretary:* R. T. Elworthy. Term of President, elected for one year, expires June, 1942.

History: Organized 1924.

Object: To consolidate the activities of local chemical societies throughout Canada, and to forward the local activities of such organizations; to act as a national organization in matters affecting chemistry; to arrange Canadian chemical conventions; and to further all chemical activities.

Membership: Made up of members of nineteen local organizations. Annual fees by assessment. Membership of affiliates, approximately 2,100.

Meetings: Annual Convention.

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J. R. Dunn, Calgary Associate Clinic, Calgary, Alta.

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W. F. Stidwell, Howard Smith Paper Mills, Ltd., Cornwall, Ont.

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R. W. Welland, Canadian Cannery, Ltd., Hamilton, Ont.

KINGSTON CHEMICAL ASSOCIATION

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 A. K. Light, Dept. of Public Works, Ottawa, Ont.

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 Dr. J. Risi, Laval University, Quebec, Que.
SAGUENAY CHEMICAL ASSOCIATION
 P. A. Puxley, Aluminum Co. of Canada, Arvida, Que.
 Dr. W. A. James, Aluminum Co. of Canada, Arvida, Que.

SHAWINIGAN FALLS CHEMICAL ASSOCIATION

- Dr. A. F. Price, Shawinigan Chemicals, Ltd., Shawinigan Falls, Que.
 James Cameron, Aluminum Co. of Canada, Shawinigan Falls, Que.

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 C. Maddeford, Central Collegiate Institute, London, Ont.

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- Dr. N. Grace, Dunlop Tire & Rubber Co., Toronto, Ont.
 T. Batty, Firestone Tire & Rubber Co., Hamilton, Ont.

- 32. Canadian Council on Nutrition.** *Chairman:* R. E. Wodehouse, O. B. E., Deputy Minister of Pensions and National Health, Ottawa, Ont. *Secretary:* L. B. Pett, Department of Pensions and National Health, Ottawa, Ont.

History: Organized 1937.

Object: To further the knowledge of nutrition among Canadians.

Membership: Membership is composed of technical members and representatives of social service and welfare organizations.

Meetings: Irregular; Council meets about once a year, committees meet more frequently.

Research funds, medals, etc.: Dietary surveys and food analyses are made possible through grants from the Canadian government.

Publications: Results of the surveys are published in the Canadian Public Health Journal. The Council has no regular publication.

33. Canadian Dental Association. *President:*

W. W. Woodbury, 70 Spring Garden Road, Halifax, N. S. *Secretary:* J. Stanley Bagnall, 78 Larch Street, Halifax, N. S.

History: Organized 1902.

Object: To cultivate and promote the art and science of dentistry and its collateral branches.

Membership: Active, Associate, and Honorary members. Annual dues \$1. Total membership 3,950.

Meetings: Biennial.

Research funds, medals, etc.: Allotted at irregular intervals as funds are available. There is a permanent subcommittee on research.

Publications: Journal of the Canadian Dental Association, monthly, 1-6, 1935-1941, price \$2, free to members.

34. Canadian Dental Research Foundation. 312

Medical Arts Building, Toronto, Ont. *President:* F. J. Conboy, 86 Bloor Street West, Toronto, Ont. *Secretary:* Edmund A. Grant.

History: Incorporated May 19, 1920.

Object: To assist and promote dental research.

Membership: Dentists who subscribe to the Trust Fund are members.

Meetings: Business is conducted by an Executive Committee, which meets as often as necessary, and reports every two years to a Board of Directors, during the sessions of the Canadian Dental Association Convention.

Research funds, medals, etc.: WAR MEMORIAL TRUST FUND, capital, \$15,403.65, the interest of which is used for carrying out the objects of the Foundation.

Publications: The Foundation has printed twenty-four bulletins which are distributed free to dentists in Canada, and at cost to dentists outside Canada.

35. **Canadian Electrical Association, Inc.** 804 Tramways Building, Montreal, Que. *President:* McNeely Du Bose, Sun Life Building, Montreal, Que. *Secretary:* B. C. Fairchild.

History: Founded in 1889 in Toronto; incorporated in March, 1922, under Letters Patent. Affiliation with the National Electric Light Association, New York, was approved by the Executive Committee on January 20, 1911, and was continued until the dissolution of the National Electric Light Association in 1932. In August, 1933, an agreement was signed with the Edison Electric Institute, New York, whereby an exchange of information and literature of mutual interest was arranged.

Object: To advance the art and science of the production, distribution, and the use of electrical energy.

Membership: 768 members classified as: Class A, Power Company Members, annual dues \$10 to \$1,000 based on population of towns served by the Company; Class B, Employees of the Power Company Members, annual dues \$3; Class C, Invited Members, annual dues fixed by the Executive, not to exceed \$5; Class D, Manufacturer Company Members, annual dues \$20 to \$200, based on revenue of Company; Class E, Employees of Manufacturer Company Members, annual dues \$3; Class F, Associate Company Members, annual dues \$10 to \$50, based on gross revenue of Company; Class G, Employees of Associate Company Members, annual dues \$3; Honorary members. List of members included in Proceedings.

Meetings: A winter conference is held annually in Montreal; annual convention held in various places.

Library: Composed of publications dealing with electricity.

Research funds, medals, etc.: A medal is awarded for successful resuscitation from electrical shock by the prone pressure method.

Publications: Monthly News Letter. Advance Reports and Annual Proceedings, 1911-1941, free to members. Through an agreement with the Edison Electric Institute, New York, the Association receives for distribution to its members all publications of the Edison Electric Institute.

36. **Canadian Engineering Standards Association.** Room 3010, National Research Building, Ottawa, Ont. *Chairman:* J. G. Morrow, Steel Company of Canada, Limited, Hamilton, Ont. *Secretary:* Col. W. R. McCaffrey. Term of Chairman, elected for three years, expires March, 1943.

History: Incorporated January 21, 1919. In addition to carrying on its work in Canada, the Association acts as Advisory Committee for Canada of the British Engineering Association.

Its work is carried on by a Main Committee representing various industrial associations, technical organizations, and institutions, and by Sectional Committees representing various branches of engineering. Under the Sectional Committees various subcommittees carry on work in connection with subjects related to the section under which they operate. *Sections:* Civil Engineering and Construction; Mechanical Engineering; Electrical Engineering; Automotive Work; Railway Work; Ferrous Metallurgy; Steel Construction; Mining.

Object: To accomplish standardization and simplification in industry; to that end the Association makes investigations into the possibility of uniform specifications covering nomenclature, types of design, engineering practice, etc., with the object of attaining uniform practice in manufacture and the elimination of unnecessary types, and gives approval, based on laboratory tests and reinspections, of electrical equipment for sale or installation in Canada.

Membership: General meetings are held annually; Committee meetings are held as required.

Library: Consists of standard specifications issued by other bodies, and various government publications; there are approximately 2,000 books on engineering in the library.

Publications: Numerous papers and specifications relating to industrial standards have been published and may be purchased from the Association. Quarterly Bulletin, 1-15, free to members.

37. **Canadian Forestry Association.** *President:* G. P. Burchill. *Manager:* Robson Black, 1038 Canada Cement Building, Montreal, Que.

History: Founded in 1900, at Ottawa, Ont.

Object: Educational propaganda on forest conservation.

Membership: 8,000 members, entrance fee \$2, annual dues \$2.

Meetings: Quarterly, in Montreal.

Publications: Forest and Outdoors, monthly, 1-35, 1905-1936, price \$2, free to members.

38. **Canadian Gas Association.** 7 Astley Avenue, Toronto 5, Ont. *President:* W. J. Pead, Jr., Power Building, Montreal, Que. *Secretary:* George W. Allen. Term of President, elected for one year, expires June, 1942.

History: Organized 1907 in Hamilton, Ont.

Object: To advance the science of gas production, distribution, and consumption, and to foster harmonious relations and cooperation among members.

Membership: Active, or Class A, gas company managers, annual dues on assessment basis; Employee, or Class B, employees of Class A, annual dues \$5; Associate, or Class C,

interested but not active gas manufacturers, annual dues \$20; Class D, \$3. Total membership 150. List of members available.

Meetings: Annual.

Library: 500 volumes on gas and utility.

Research funds, medals, etc.: The Association cooperates with the American Gas Association Testing Laboratories located in Cleveland, Ohio, for appliance tests. A medal is awarded for meritorious acts by gas men in saving human life.

Publications: Canadian Gas Journal, monthly, price \$3, free on exchange. Directory of Approved Gas Appliances, quarterly 1-46, 1924-1941, free to members. Annual Proceedings, price \$4, free to members.

39. Canadian Geographical Society. 49 Metcalfe Street, Ottawa, Ont. *President:* G. J. Desbarats, 330 Wilbrod Street, Ottawa, Ont. *Executive Secretary:* G. M. Dallyn, 328 First Avenue, Ottawa, Ont. *Honorary Secretary:* E. S. Martindale, 308 Manor Road, Rockcliffe, Ottawa, Ont. Term of President, elected for one year, expires February, 1942; of Honorary Secretary, elected for three years, February, 1944.

History: Established 1929 in Ottawa.

Object: To advance geographical knowledge and to disseminate information on the geography, resources, and peoples of Canada and other parts of the world.

Membership: Fellows, annual dues \$4; Ordinary members, \$3 in Canada, \$3.50 in the U. S., and \$4 in all other countries. Total membership 10,461.

Meetings: Quarterly, in Ottawa.

Research funds, medals, etc.: Funds are set aside each month for research purposes.

Publications: Canadian Geographical Journal, monthly, May, 1930 to date.

40. Canadian Hospital Council. 184 College Street, Toronto, Ont. *President:* G. F. Stephens, Royal Victoria Hospital, Montreal, Que. *Secretary:* Harry Agnew. Term of President, elected for two years, expires September, 1943; Secretary elected for permanent term.

History: Organized 1931.

Object: The advancement of hospital facilities and services.

Membership: Limited to provincial and other hospital associations, federal and provincial governments. Council funds are maintained by contributions by hospital associations and by the Department of Hospital Service of the Canadian Medical Association.

Meetings: Biennial.

Publications: Canadian Hospital Journal, monthly, 1-18, 1924-1941, price \$2. Study committee reports are published as bulletins.

41. Canadian Institute of Chemistry. 366 Adelaide Street West, Toronto, Ont. *President:* T. Thorvaldson, F. C. I. C., University of Saskatchewan, Saskatoon, Sask. *Secretary* on leave of absence: R. T. Elworthy, F. C. I. C. *Assistant Secretary:* W. H. Pitcher.

History: Incorporated by Dominion Charter, August 15, 1921. *Provincial Sections:* Manitoba, Quebec, Saskatchewan, and Maritimes. *Branches:* Toronto, Hamilton, Kingston, Ottawa, Montreal, Quebec.

Object: To promote the professional interests of chemists and chemical engineers.

Membership: Honorary Fellows, 7; Life Members, 10; Fellows, 359, annual dues \$8; Associates, 527, \$5; Student Members, 279, \$1. List of members available.

Meetings: Annual general meeting; frequent sectional and branch meetings.

Publications: All members receive Canadian Chemistry and Process Industries, which devotes space to Institute activities and official statements of the Council.

42. Canadian Institute of Mining and Metallurgy. 906 Drummond Building, Montreal, Que. *President:* R. A. Bryce, Macassa Mines Limited, 1001 Federal Building, 85 Richmond Street West, Toronto, Ont. *Secretary:* E. J. Carlyle. Term of President, elected for one year, expires March, 1942.

History: Organized in 1898 under Dominion Charter as the Canadian Mining Institute; name changed by Act of Parliament, May 11, 1920, to the Canadian Institute of Mining and Metallurgy. *Branches and Divisions:* Industrial Minerals Division: B. C. Division, 505 Metropolitan Building, Vancouver, B. C.; Vancouver Branch, 505 Metropolitan Building, Vancouver, B. C.; Bridge River Branch, Bralorne, B. C.; Northern Alberta Branch, 207 Canadian Pacific Railways Building, Edmonton, Alta; Rocky Mountain Branch, 56 Canada Life Building, Calgary, Alta; Crow's Nest Section, Rocky Mountain Branch, Blairmore, Alta; Drumheller Branch, Drumheller, Alta; Southern Saskatchewan Branch, Estevan, Sask.; Winnipeg Branch, Winnipeg, Man.; Flin Flon Branch, Flin Flon, Man.; Toronto Branch, 122 Richmond Street, West, Toronto, Ont.; Ottawa Branch, 225 Carling Avenue, Ottawa, Ont.; Cobalt Branch, Cobalt, Ont.; Sudbury Branch, Box 507, Copper Cliff, Ont.; Porcupine Branch, 7-4th Avenue, Timmins, Ont.; Kirkland District Branch, Box 1057, Kirkland Lake, Ont.; Lakehead Branch, Port Arthur, Ont.; Montreal Branch, 760 Dominion Square Building, Montreal, Que.; Thetford Mines Branch, Thetford Mines, Que.; Western Branch, Box 40, Noranda, Que.; Harricaw Branch, Bourlamaque, Que.; Mining Society of Nova Scotia, in affilia-

tion, Sydney, N. S.; Halifax Branch M. S. N. S., Halifax, N. S.

Object: To encourage and promote by all honourable means the mining and metallurgical industries of Canada; and to advance the arts and sciences pertaining to the production and utilization of minerals and metals.

Membership: Members and Associates, annual dues \$12; Student members, \$3; Corporation members, \$50. Total membership 2,800. List of members available for \$1.

Meetings: Annual general meeting in March or April; annual meetings in the west, and of the B.C. Division, in the autumn; Annual meeting of the Mining Society of Nova Scotia in June.

Library: 1,500 volumes on mining and metallurgy.

Research funds, medals, etc.: INSTITUTE MEDAL FOR BRAVERY. MEDAL OF THE INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED. RANDOLPH BRUCE GOLD MEDAL. The BARLOW MEMORIAL is awarded annually for the best paper on Pre-Cambrian geology. The PRESIDENT'S GOLD MEDAL AND CASH PRIZES are awarded to Student Members of the Institute.

Publications: Canadian Mining and Metallurgical Bulletin, monthly, 1-43, 1898-1941, price \$10, free to members. Annual Transactions.

43. **Canadian Institute of Surveying.** *President:* C. H. Fullerton, Surveyor General, Province of Ontario, Parliament Buildings, Toronto, Ont. *Secretary:* W. L. MacIlquham, 105 George Street, Ottawa, Ont.

History: Organized in 1882 as the Association of Dominion Land Surveyors; name changed to present title in 1934.

Object: The promotion of the general interests and the elevation of the standard of the surveying branch of the engineering profession.

Membership: Members, Junior members, and Associates, annual dues \$3. Total membership 160. List of members available.

Meetings: The Institute holds an annual convention and nine executive meetings in Ottawa.

Publications: Canadian Surveyor, issued first in July, 1922, as the Journal of the Association of Dominion Land Surveyors; title changed to the Canadian Surveyor in April, 1926, quarterly, price \$1 domestic, \$2 foreign, free to members and on exchange. Proceedings.

44. **Canadian Institute on Sewage and Sanitation.** *President:* W. L. McFaul, City Engineer, Hamilton, Ont. *Secretary:* A. E. Berry, Parliament Buildings, Toronto, Ont. Officers elected for one year; terms expire October, 1942.

Object: To facilitate an exchange of knowledge on sewage treatment and sanitary problems.

Membership: Active and Associate members, annual dues \$5. Total membership 137. List of members available.

Meetings: Annual.

Publications: Municipal Sanitation Data, irregular.

45. **Canadian Medical Association.** *President:* Gordon S. Fahrni, Winnipeg, Man. *General Secretary:* T. C. Routley, 184 College Street, Toronto, Ont. Term of President, elected for one year, expires June, 1942; Secretary elected for an indefinite period.

History: Organized 1867. Medical Associations in the several provinces are now organized as Provincial Divisions.

Object: To promote medical education and public health.

Membership: Annual dues \$10. Total membership 4,444.

Meetings: Annual.

Publications: Canadian Medical Association Journal, monthly, two volumes each year, included in membership, \$6 for libraries and hospitals in Canada, \$7.35 for those outside of Canada.

46. **Canadian Medical Association, Alberta Division.** 336 Eighth Avenue West, Calgary, Alta. *President:* F. C. Campbell. *Honorary Secretary:* Geo. R. Johnson. *Associate Secretary:* W. G. Hunt.

History: Organized as the Alberta Medical Association in 1906; present title adopted in September, 1935.

Object: The holding of scientific conventions; research work regarding maternal welfare, cancer, etc.

Membership: 575 members. List of members available.

Meetings: Annual.

Library: At the University of Alberta and at the two hospitals in Calgary.

Publications: Alberta Medical Bulletin, quarterly.

47. **Canadian Medical Association, British Columbia Division.** 203 Dental Building, Vancouver, B. C. *Secretary:* W. M. Patton, 925 West Georgia Street, Vancouver, B. C.

History: Organized January, 1900; incorporated July 18, 1936.

Object: To further medical science and education.

Membership: Total membership 614.

Meetings: Annual, in Vancouver.

Publications: News notes published in the Bulletin of the Vancouver Medical Association and the Journal of the Canadian Medical Association.

48. Canadian Medical Association, Manitoba Division. 102 Medical Arts Building, Winnipeg, Man. *President:* H. D. Ketchen, 616 Medical Arts Building, Winnipeg, Man. *Secretary:* W. E. R. Coad, 420 Edmonton Street, Winnipeg, Man. Officers elected for one year; terms expire 1942.

History: Organized 1908; name changed from Manitoba Medical Association to present title in 1939.

Object: The promotion of the medical and allied sciences, the maintenance of the honour and interests of the medical profession, and the cooperation of the members of the association for their mutual assistance and support in all matters affecting them in their professional capacity.

Membership: Ordinary members, annual dues \$10; Honorary members; Members by Invitation.

Meetings: General annual meeting.

Publications: Manitoba Medical Association Review, monthly, price \$2, free to members.

49. Canadian Medical Association, New Brunswick Division. *President:* Charles Dumont, Campbellton, N. B. *Secretary:* A. Stanley Kirkland, Saint John, N. B. Officers elected for one year; terms expire August, 1941.

History: Organized 1880.

Object: The promotion of the interests of the medical profession.

Membership: Active members, entrance fee \$50, annual dues \$7. Total membership 290.

Meetings: Annual.

50. Canadian Medical Association, Nova Scotia Division. *President:* A. B. Campbell, Bear River, N. S. *Secretary:* H. G. Grant, Halifax, N. S. Officers elected for one year; terms expire July, 1942.

History: Organized in 1854 as the Medical Society of Nova Scotia; name changed to present title in 1931.

Object: The advancement of medical science in all its branches.

Membership: Active, Associate, Corresponding, and Honorary members. There is a conjoint fee of \$15 with the Canadian Medical Association. Total membership varies from 250 to 300.

Meetings: Annual.

Publications: Nova Scotia Medical Bulletin, monthly, 1922-1941, price \$3, free to members.

51. Canadian Medical Association, Ontario Division. *President:* Harris McPhedran, Medical Arts Building, Toronto, Ont. *Assistant Secretary:* J. W. McCutcheon, 184 College Street, Toronto, Ont. A. D. Kelly, Executive Secretary, is in the military service.

History: Organized 1880; incorporated May, 1921, under Ontario Companies Act.

Object: The furtherance of medical education.

Membership: Annual dues \$8. Total membership 2,500.

Meetings: Annual.

Publications: Ontario Medical Association Bulletin, bimonthly, free to all medical men in Ontario.

52. Canadian Medical Association, Prince Edward Island Division. *President:* C. H. Johnson, Summerside, P. E. I. *Secretary:* E. S. Giddings, Charlottetown, P. E. I.

53. Canadian Medical Association, Quebec Division. *President:* L. Gerin-Lajoie, 1414 Drummond Street, Montreal, Que. *Secretary:* A. W. Young, Medical Arts Building, Montreal, Que. Officers elected for one year; terms expire October, 1941.

History: In October, 1937, the members of the Canadian Medical Association residing in the Province of Quebec formed themselves into the Canadian Medical Association, Quebec Division.

Object: To maintain a close relationship between the medical profession in the Province of Quebec and the Canadian Medical Association, and to advance all the common interests of the medical profession in Canada.

Membership: Ordinary and Senior members. Annual dues \$10. Total membership 706.

Meetings: Annual.

Publications: Members receive the Canadian Medical Association Journal monthly.

54. Canadian Medical Association, Saskatchewan Division. *President:* J. A. Valens, Saskatoon, Sask. *Secretary:* A. W. Argue, 404 Birks Building, Saskatoon, Sask.

55. Canadian Pharmaceutical Association, Inc. *President:* H. S. Tapscott, Brantford, Ont. *Secretary:* Miss O. M. Hurrell, 43 Victoria Street, Toronto, Ont. Officers elected for one year; terms expire August, 1942.

History: Organized in 1907.

Object: To advance the science and practice of pharmacy in Canada.

Membership: Entrance fee \$2, annual dues \$2. Total membership 3,850.

Meetings: Annual.

Publications: Canadian Pharmaceutical Journal, 1-74, 1868-1941, price \$1.50, free to members.

56. Canadian Physiological Society. Queen's University, Kingston, Ont. *President:* V. E. Henderson, 137 Medical Building, University of Toronto, Toronto, Ont. *Secretary:* R. G.

Sinclair. Officers elected for one year; terms expire 1942.

History: Organized in Toronto, October 19, 1935, as a result of joint meetings of the Toronto Biochemical Society with the Montreal Physiological Society.

Object: To promote the advancement of physiology in its widest sense.

Membership: Membership is limited to those persons who have conducted researches and published papers in the fields of physiology, biochemistry, pharmacology, and the experimental aspects of biology, pathology, therapeutics, and hygiene. Annual dues \$1. Total membership 245. List of members available.

Meetings: Annual.

Publications: Proceedings are usually published in the Canadian Medical Association Journal; reprint copies are distributed free to members. The Yearbook of the Society is free to members.

57. Canadian Phytopathological Society. *President:* F. J. Greaney, Rust Research Laboratory, Winnipeg, Man. *Secretary:* T. Johnson, Rust Research Laboratory, Winnipeg, Man. Term of President, elected for one year, expires May 31, 1942; of Secretary, elected for two years, May, 1943.

History: Founded December 19, 1929, replacing the Canadian Division of the American Phytopathological Society.

Object: To further plant pathology.

Membership: Regular, Life, Honorary, and Charter members. Annual dues \$1. Total membership 73.

Meetings: Annual.

Publications: Proceedings of the Canadian Phytopathological Society, annual, 1929-1941, price \$1, free to members.

58. Canadian Psychological Association. *Honorary President:* J. M. MacEachran, Edmonton, Alta. *President:* E. A. Bott, University of Toronto, Toronto, Ont. *Secretary:* G. Humphrey, Queen's University, Kingston, Ont.

History: Organized in June, 1937.

Object: To promote the advancement and practical application of psychological studies in Canada by teaching, discussion, and research.

Membership: Annual dues \$2. Total membership 100.

Meetings: Annual.

Research funds, medals, etc.: The Association has been currently investigating the mental tests administered in the Canadian army.

Publications: Bulletin of the Canadian Psychological Association, quarterly, price \$1, free to members.

59. Canadian Public Health Association. 111 Avenue Road, Toronto, Ont. *President:* Jean Grégoire, Parliament Buildings, Quebec, Que. *Honorary Secretary:* J. T. Phair, Chief Medical Officer of Health for Ontario, Parliament Buildings, Toronto, Ont.

History: Organized as a provincial association in Ontario in 1910; a Dominion Charter was obtained in 1912. *Sections:* Child Hygiene, Industrial Hygiene, Laboratory, Mental Hygiene, Public Health Education, Public Health Engineering, Public Health Nursing, Social Hygiene, Vital Statistics, and Epidemiology.

Object: The advancement of public health and preventive medicine throughout Canada.

Membership: Active and Associate members, annual dues \$2 in Canada, \$2.50 in Great Britain and the United States, \$3 in all other countries. Total membership 2,900.

Meetings: Annual.

Publications: Canadian Public Health Journal, monthly, 1-32, 1910-1941, price \$2 Canada, \$2.50 Great Britain and the United States, and \$3 in other countries. Prior to 1928, the Journal was published as the Public Health Journal. The Association's Work during 1940-1941, free to members.

60. Canadian Pulp and Paper Association. 3420 University Street, Montreal, Que. *Secretary-Manager:* A. E. Cadman.

History: Organized March 19, 1913, at Montreal. The Association has grown with the development of the industry, and comprises within its membership over ninety percent of the operating concerns.

Object: To facilitate cooperative effort in the solution of problems of the pulp and paper industry of Canada, such as conservation of mill wastes, encouragement of original investigation, and the fostering of friendships among those engaged in the industry.

Membership: Corporation members, initiation fee \$25, annual dues assessed on tonnage production. *Sections:* Technical, 325 members, classified as Members, Associate members, Junior members, and Student members, annual dues \$10 for full membership and lesser amount for minor; Woodlands, 150 members, annual dues \$5. List of members available.

Meetings: Annual in Montreal in January; other meetings during the year as needed.

Library: Includes periodicals and technical books on paper making, as well as volumes dealing with other subjects more or less closely connected with the industry. Libraries of Forests Products Laboratories and McGill University are also available. Of the many thousands of volumes, probably 1,000 deal rather closely with pulp and paper making.

Research funds, medals, etc.: The Association in 1927 constructed and equipped the Canadian Pulp and Paper Research Institute on property leased from McGill University, Montreal, at an outlay of approximately \$400,000. The building is equipped with extensive chemical laboratories and also contains a complete pulp and paper experimental manufacturing plant, including a 30-inch fourdrinier paper-making machine with its accessories.

The Association has endowed McGill University with a fund of \$100,000 to assist in carrying on research work at the laboratory. It also provides an additional annual grant for the same purpose. It contributes towards the operating expenses of the Pulp and Paper Division of the Forest Products Laboratories of Canada. The Association has contributed some \$30,000 towards the expense of publishing a set of textbooks on the manufacture of pulp and paper, English and French editions, which are used as a means of carrying on vocational education amongst paper mill operatives and others. Through its Committee, the Association exercises supervision of a correspondence course in paper making and issues diplomas to successful students. Its members have assisted, by annual financial contributions, the establishment of a Chair of Fuels and Fuel Technology at McGill University.

Publications: Thirty bulletins, some weekly, some monthly; some sent to all members, some to members of certain sections only, free to members.

61. Canadian Red Cross Society. *National Commissioner:* Fred W. Routley, 95 Wellesley Street, Toronto, Ont.

History: Founded in 1896, and incorporated in 1909, to act as voluntary auxiliary to the Department of National Defence and the Health Departments of the Dominion, provincial, and municipal governments.

Object: To furnish volunteer aid to the sick and wounded of armies in time of war, and in time of peace or war to carry on and assist in work for the improvement of health, the prevention of disease, and mitigation of suffering throughout the world. **Operates:** 49 Outpost Hospitals; 83 Highway First Aid Stations; Sea-port Nursery in Halifax; Junior Red Cross Members conduct two hospitals for crippled children. During the war, distribution of comforts and supplies, made by the volunteer workers in Red Cross, to military hospitals and forces overseas and in Canada, to bombed victims, etc.; the Canadian Red Cross Corps to train women volunteers for four types of service—Transport, Auxiliary Nursing, Office Administration, and Food Administration.

Membership: 1,061,441 adult members; 621,127 Junior Red Cross members.

Meetings: Central Council meets annually.

Publications: Despatch, 8 issues per year. Junior Red Cross Monthly. Annual Report, and various Educational Bulletins on Health, Nursing, Nutrition, etc.

62. Canadian Research Institute of Launderers and Cleaners. National Research Council Building, Ottawa, Ont. **President:** A. F. Dechaux 2142 Beaudry Street, Montreal, Que. **Secretary:** B. J. Kenalty, (*Acting Secretary:* C. H. Bayley), Division of Chemistry, National Research Council, Ottawa, Ont.

History: At a national conference of launderers and cleaners held in Ottawa in January, 1934, it was decided to extend the facilities of the then existing Associate Committee on Laundry Research of the National Research Council to include research and service work for the cleaning industry; as a result the Canadian Research Institute of Launderers and Cleaners was organized.

Object: To promote scientific research and technical work in connection with the laundry and cleaning industries.

Membership: Membership is open to all launderers and cleaners, including institutional laundry plants, in the Dominion of Canada, accepted by the membership committee, who pay the required fees and who conform to the by-laws and regulations of the Institute; 125 members, annual dues \$15-\$30 based on each member's volume of business for the previous year.

Meetings: General meetings are held at the call of the President, usually three or four times a year.

Library: The library of the National Research Council is available to members of the Institute; it includes complete files of all the textile, laundering, and dry cleaning journals, together with information regarding special products used by the industry, etc.

Research funds, medals, etc.: The laundering and cleaning laboratory of the National Research Council serves in a technical, advisory, and investigational capacity to the Institute. The work of the laboratory includes such research projects as studies in bleaching, detergency, and other chemical aspects of laundering and cleaning, launderability and cleanability of various types of fabrics, the setting up of textile specifications, analyses of all types of supplies used by the industries, and the refereeing of damage reports covering the examination of fabrics reputed to have been damaged during the laundering or cleaning process. The laboratory also maintains a test bundle service for the purpose of testing the efficiency of the laundering and cleaning carried out by members of the Institute.

Publications: Papers by members of the Institute and the laboratory staff, are published in the Canadian Journal of Research and in the Laundry and Dry Cleaning Journal of Canada.

63. Canadian Rheumatic Disease Association. Room 104, 180 Metcalfe Street, Ottawa, Ont. *President:* J. D. Adamson, 216 Medical Arts Building, Winnipeg, Man. *Secretary:* W. S. Barnhart.

History: Organized in February, 1936, as the Canadian branch of the International League against Rheumatism.

Object: The study and control of rheumatic diseases.

Membership: Ordinary, Honorary, and Associate members; entrance fee \$1, annual dues \$1. Total membership 80.

Meetings: Annual, as a Section of the Canadian Medical Association.

64. Canadian Social Science Research Council. *Chairman:* C. A. Dawson, Department of Sociology, McGill University, Montreal, Que. *Secretary:* J. E. Robbins, 166 Marlborough Avenue, Ottawa, Ont. Officers elected for one year; terms expire November, 1942.

History: Organized in September, 1940, following a study by a preliminary committee undertaken in May, 1938, with the approval of a number of learned societies.

Object: To promote research in the social sciences in Canada.

Membership: Representative members, sponsored by professional societies; members at large; associate members, non-voting, drawn from government services. Total membership 16. List of members available.

Meetings: Semiannual.

Publications: The Council is still in the formative process of exploring possibilities of usefulness. There is no publication to date; a first annual report will probably be published toward the end of 1941.

65. Canadian Society for the Control of Cancer. 100 Bloor Street West, Toronto, Ont. *President:* J. S. McEachern, 200 Maclean Block, Calgary, Alta. *Secretary:* Mrs. Irene Jaques.

History: Incorporated March, 1938. Organization includes a head office, and nine provincial branches.

Object: To aid in coordinating and correlating the efforts of individuals and organized bodies to reduce the mortality from cancer in Canada; to disseminate knowledge on the subject of cancer; to give aid in investigating the nature of alleged cancer cures when so requested by a Dominion or Provincial Department of Health; to aid in establishing and main-

taining, or to establish and maintain, research activities in the field of cancer; and to obtain money by way of public appeal or otherwise and to receive gifts, bequests, and donations of property both real and personal.

Membership: Annual members, annual dues \$1, Contributing members, \$5; Sustaining members, \$25; and Life members, payment of \$100. Total membership 7,170.

Research funds, medals, etc.: A fund of \$1,000 is devoted to research.

Publications: There are five bulletins and five pamphlets issued every year.

66. Canadian Society of Animal Production, Eastern Section. Central Experimental Farm, Ottawa, Ont. *President:* R. G. Knox, Ontario Agricultural College, Guelph, Ont. *Secretary:* C. D. MacKenzie.

History: Organized as the Eastern Canada Society of Animal Production in 1926; name changed to present title in 1931.

Object: The discussion of problems and the consideration of methods of investigation and instruction in relation to the animal industry.

Membership: Dues are fixed annually. Total membership 400.

Meetings: Annual.

Publications: Mimeographed reports of each annual meeting, and papers published in Scientific Agriculture.

67. Canadian Society of Forest Engineers. 10 Manor Road West, Toronto, Ont. *President:* L. S. Webb, P. O. Box 420, Campbellton, N. B. *Secretary:* A. R. Fenwick.

History: Formed March 13, 1908; organized under Letters Patent, September 9, 1915. *Sections:* Maritime, Fredericton, N. B.; Ottawa Valley, Ottawa, Ont.; Southern Ontario, Toronto, Ont.; Northern Ontario, Kapuskasing, Ont.; Northwestern Ontario, Fort William, Ont.; Prairie, Winnipeg, Man.; Vancouver, Vancouver, B. C.; Victoria, Victoria, B. C.

Object: To advance forestry by the discussion of technical and professional topics, and to promote closer fellowship among those engaged in the business of forestry.

Membership: Members, annual dues \$5; Affiliate members, \$3; Honorary and Student members. Total membership 438. List of members available for 25 cents.

Meetings: Annual meeting in January, with occasional summer meetings as well; meetings are held at various cities throughout Canada.

Library: Approximately 2,000 technical journals and bulletins on forestry.

Research funds, medals, etc.: There is a Research Cooperative Committee with the following sub-committees on: Silviculture, Entomology, Pathology, Surveys, Utilization, Reforesta-

tion, Farm Woodlots, Education, Woods Operation, and Forest Fire. The annual reports of the various sub-committees are usually summarized for presentation at the Annual meeting, and for publication in the Forestry Chronicle and News Bulletin. **SCHLICH MEMORIAL FUND.** The Sir William Schlich Memorial Fund was established in 1928 by contributions from foresters within the Empire and in the United States. The increment of the fund is sent each year to some forestry organization in a contributing country and this in turn awards the increment of the fund of which it is custodian. The Canadian Society of Forest Engineers is custodian of the fund in Canada, and it was decided to give the money at its disposal as a prize each year to a student in a forestry school, to be awarded to each school in rotation.

Publications: Forestry Chronicle, quarterly, vol. 1-17, nos. 1-66, July, 1925 to June, 1941, price \$2. News Bulletin, vol. 1-4, nos. 1-16, April, 1938 to May, 1941, distribution to members only.

68. Canadian Society of Technical Agriculturists, Inc. 1005 Confederation Building, Ottawa, Ont. **President:** E. K. Hampson, American Potash Institute, Inc., Canadian Bank of Commerce Building, Hamilton, Ont. **Honorary Secretary:** H. G. Crawford, Division of Entomology, Science Service, Department of Agriculture, Ottawa, Ont. Term of President, elected for one year, expires May 31, 1942.

History: Organized June, 1920, in Ottawa. **Sections:** Prince Edward Island, Charlottetown; Nova Scotia, Kentville; New Brunswick, Fredericton; Montreal City, Montreal; Macdonald College, Montreal; Eastern Ontario, Ottawa; Central Ontario, Toronto; Niagara Peninsula, St. Catharines; Ontario Agricultural College, Guelph; Southwestern Ontario, Harrow; Eastern Manitoba, Winnipeg; Western Manitoba, Brandon; North Saskatchewan, Saskatoon; South Saskatchewan, Regina; Swift Current, Swift Current; North Alberta, Edmonton; South Alberta, Calgary; B. C. Interior, Penticton; Vancouver, Vancouver; Victoria and Islands, Victoria.

Object: To encourage agricultural research and to maintain high standards in the profession.

Membership: Regular and Student members. Annual dues \$6. Total membership 1,250. List of members available for \$1.

Meetings: Annual.

Library: Affiliated with the Main Library of the Dominion Department of Agriculture.

Publications: Scientific Agriculture, monthly, 1-22, 1921-1942, price \$3 domestic, \$4 foreign, free to members. C. S. T. A. Review, quarterly, June, 1934 to date, price \$1.50 domestic, \$2 foreign, free to members.

69. Canadian Tuberculosis Association. 304 Plaza Building, Ottawa, Canada. **President:** J. H. Holbrook, Mountain Sanatorium, Hamilton, Ont. **Secretary:** G. J. Wherrett. Term of President, elected for one year, expires June, 1942; Secretary appointed for an indefinite period.

History: Founded 1900, under the name of the Canadian Association for the Prevention of Tuberculosis; name changed to present title in 1921.

Object: To foster education and finance special surveys and demonstrations, to promote the Christmas seal campaign, correlate tuberculosis statistics, advocate enactment of appropriate laws for the prevention of tuberculosis, encourage research, and to further the organization of local and affiliated tuberculosis associations.

Membership: Annual dues \$1. Total membership 650.

Meetings: Annual.

Library: 300 volumes on tuberculosis and public health.

Research funds, medals, etc.: A prize of \$250 is awarded annually for clinical or laboratory research; open to medical assistants to sanatorium or clinic directors, having less than ten years' experience in tuberculosis work, for work or studies which they themselves have carried out.

Publications: Annual Report, 1902-1940, free to members. Bulletin of the Canadian Tuberculosis Association, quarterly, 1-20, 1922-1941, free.

70. Central Canada Veterinary Association. **President:** D. M. Robertson, Brockville, Ont. **Acting Secretary:** Charles C. Mitchell, 187 Holmwood Avenue, Ottawa, Ont.

History: Founded in 1903.

Object: To increase the efficiency of veterinarians by education and the exchange of experiences and opinions, and thereby to increase their usefulness to the public.

Membership: Entrance fee \$4, annual dues \$4. Total membership 100.

Meetings: Semiannual; one meeting is held in Ottawa and one elsewhere.

71. Collège des Médecins et Chirurgiens de la Province de Québec. **President:** J. E. Desrochers, 4305 St. Hubert, Montreal, Que. **Registrar:** Eugene Prudhomme, 1896 Dorchester Ouest, Montreal, Que. Officers elected for four years; terms expire September, 1942.

History: Incorporated July 28, 1847, by the provincial government.

Object: To protect the public against "charlatans" of all kinds and against unqualified

physicians; and to safeguard the moral as well as the material interests of the medical profession.

Membership: 3,200 members, annual dues \$10. List of members available.

Meetings: Annual general meeting, alternately at Quebec and Montreal.

Library: 1,000 volumes.

Publications: Annual report, free.

See also Medical Council of Canada.

72. College of Physicians and Surgeons of Alberta. *President:* R. B. Francis, Dominion Bank Building, Calgary, Alta. *Secretary:* George R. Johnson, 336 Eighth Avenue West, Calgary, Alta.

History: Organized 1906 by Act of Legislature.

Object: The registration and discipline of medical men.

Membership: Total membership 575.

Meetings: Quarterly.

Publications: Alberta Medical Bulletin, quarterly, 1935-1941.

See also Medical Council of Canada.

73. College of Physicians and Surgeons of British Columbia. *President:* Thos. McPherson, 203 Medical-Dental Building, Vancouver, B. C. *Executive Secretary:* M. W. Thomas, 925 West Georgia Street, Vancouver, B. C.

History: Section: B. C. Medical Association (branch for scientific and educational purposes).

Object: The furtherance of medical education in the province of British Columbia.

Membership: Entrance fee \$100, annual dues \$18. Total membership 735. List of members available.

Meetings: Monthly, in Vancouver.

Research funds: An annual grant of \$2,400 is made to the B.C. Medical Association for the furtherance of medical education and frequent postgraduate tours throughout the province.

Publications: Articles are published through the Bulletin of the Vancouver Medical Association, monthly, free.

See also Medical Council of Canada.

74. College of Physicians and Surgeons of Manitoba. *President:* J. S. McInnes. *Registrar:* W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

Object: The licensing of the medical profession.

Membership: License fee \$100, annual dues \$2. Total membership 620.

Meetings: Semiannual, in Winnipeg.

Research funds, medals, etc.: GORDON BELL MEMORIAL FUND, for medical research. Capital \$20,000, income \$900.

Publications: Registrar's Annual Report, free.

See also Medical Council of Canada.

75. College of Physicians and Surgeons of Ontario. *President:* M. H. V. Cameron, Medical Arts Building, Toronto, Ont. *Registrar:* R. T. Noble, 566 University Avenue, Toronto, Ont. Term of President, elected for one year, expires April, 1942.

Object: The licensing of physicians in the Province of Ontario.

Meetings: The Council meets annually in April.

See also Medical Council of Canada.

76. College of Physicians and Surgeons of Saskatchewan. *President:* J. A. Valens, 305 Canada Building, Saskatoon, Sask. *Registrar:* A. W. Argue, 404 Birks Building, Saskatoon, Sask. Term of President, elected for one year, expires January, 1942; Secretary appointed for an indefinite period.

History: The College of Physicians and Surgeons of the Northwest Territories became the College of Physicians and Surgeons of Saskatchewan in 1905; in 1937 it merged with the Saskatchewan Medical Society.

Object: Licensing and discipline of the medical profession.

Membership: Total membership 600. Registration fee \$100; annual dues \$10. All doctors must be registered with the College of Physicians and Surgeons of Saskatchewan beginning the practice of medicine in this Province. List of members in Register.

Meetings: Annual.

Research funds, medals, etc.: Grants are made for postgraduate tours.

Publications: Saskatchewan Medical Quarterly, 1937-1941, free to members, to the Registrars of other provincial Colleges, and to the Secretary of the Canadian Medical Association.

See also Medical Council of Canada.

77. College of Veterinary Surgeons of the Province of Quebec. *President:* A. Rajotte, Drummondville, Que. *Secretary:* G.-T. Labelle, 5053 Christophe Colomb Street, Montreal, Que. Officers elected for two years; terms expire June, 1942.

History: Incorporated in 1902 by an Act of the Provincial Government.

Object: The registration of veterinarians, the advancement of the art and science of veterinary medicine with its collateral branches, professional improvement, the cultivation of harmony and good feeling among its fellows, the promotion of the corporate influence of the profession in relation to the community, and the maintenance of a high professional standard.

Membership: Active and Honorary members. Entrance fee \$5, annual dues \$2. Total membership 285. List of members available for \$5.

Meetings: Biennial, alternately in Quebec and Montreal. Special meetings are held as the occasion arises.

Research funds, medals, etc.: Medals and prizes are given to students of the Oka Veterinary School occasionally for certain subjects. A special fund is maintained to help students or veterinarians in need. The loans are made at a very low rate of interest.

78. Corporation of Land Surveyors of the Province of British Columbia. *President:* W. G. McElhanney, 402 Pacific Building, Hastings Street, Vancouver, B. C. *Secretary:* Fred Butterfield, 323-5 Scollard Building, Victoria, B. C. Term of President, elected for one year, expires January, 1943; Secretary appointed by Board of Management for indefinite period.

History: Incorporated in 1905.

Object: To carry out the provisions of the Act of Incorporation such as holding examinations of candidates for admission to study or practise the profession of land surveying, etc.

Membership: Entrance fee \$75; annual dues \$20. Total membership 118. List of members available.

Meetings: Annual general meeting; Board meetings are held not less than twice a year.

Library: 350 reference books and technical publications.

79. Corporation of Professional Engineers of Quebec. Room 102, 354 Ste. Catherine Street East, Montreal, Que. *President:* O. O. Lefebvre, Quebec Streams Commission. *Secretary:* C. C. Lindsay, 150 Craig Street West, Montreal, Que.

History: Organized February 14, 1920, under provincial charter. **Sections:** Montreal; Quebec.

Object: The control of the profession of engineering in the Province of Quebec in the interests of the general safety of the public, and the maintenance of a high standard in the engineering profession.

Membership: Members and Students. Entrance fee \$20, annual dues \$10. Total membership 1,194. List of members available.

Meetings: Annual meeting in March; Board of Examiners Council meets monthly.

Library: The Registrar has a small library of reference books. No technical library is maintained, as the members have access to the library of the Engineering Institute of Canada.

Research funds, medals, etc.: The organization awards two bursaries of \$200 to engineering students in the Province of Quebec.

Publications: An annual report and two interim reports. Annual membership list, 1-21, 1921-1941, free.

80. Corporation of Quebec Land Surveyors. *President:* Paul Jonas. *Secretary:* Arthur Smith, P. O. Box 152, Quebec, Que.

History: Incorporated May 27, 1882, by Act of the Legislature of the Province of Quebec.

Object: To exercise control over the survey of lands in the province and to issue diplomas to qualified persons, authorizing them to practise as land surveyors after examination.

Membership: 150 members authorized to practise, examination fee \$20 to \$30, license \$20, annual dues \$10. List of members published.

Meetings: Annual, on the third Wednesday of April, usually at Quebec, occasionally at Montreal.

Library: Includes textbooks, reports, etc.

Publications: Annual Report.

81. Dominion Dental Council of Canada. *President:* J. M. Dixon, Calgary, Alta. *Secretary:* A. J. Brett, Regina, Sask.

History: Organized September 4, 1904.

Object: To raise the standard of dentistry.

Membership: Total membership 1,247.

Meetings: Biennial.

82. Dominion Fire Prevention Association. *President:* D. P. Cruikshank, 304 Blackburn Building, Ottawa, Ont. *Executive Officer:* W. L. Clairmont, 505 Plaza Building, Ottawa, Ont.

History: Organized May 9, 1919.

Object: To cooperate with the Dominion, provincial, and municipal governments of Canada in attempting to eliminate needless waste by fire; to coordinate through a central Bureau of Information the efforts of all organizations and individuals actively engaged in fire prevention work; to investigate improved methods of fire protection and to establish reasonable physical standards of fire safety; and to direct public attention to the urgent need for greater care in respect of fire dangers and to promote legislation for adequately safeguarding life and property from fire.

Membership: Members and Honorary Members. No dues; the Association is financed by the Dominion Government. Total membership 40.

Meetings: Annual general meeting; the Executive Committee meets about six times annually.

Library: 1,000 publications on fire prevention and fire protection.

Research funds, medals, etc.: A trophy cup is presented to the winner of the International Fire Prevention Week Competition.

Publications: Statistical Report of Fire Losses in Canada, 1922-1940, free.

83. Engineering Institute of Canada. 2050 Mansfield Street, Montreal, Que. *President:* C. R. Young, Dean of the Applied Sciences and Engineering, University of Toronto, Toronto, Ont. *General Secretary:* L. Austin Wright.

History: Founded February 24, 1887; incorporated June 23, 1887, by Act of Parliament as the Canadian Society of Civil Engineers. In April, 1918, an Act of Parliament changed the name to the Engineering Institute of Canada. The Institute has twenty-five branches, one being located in each of the principal cities of Canada.

Object: To develop and maintain high standards in the engineering profession, to advance the welfare of its members, and to encourage original research and the study, development, and conservation of the resources of the Dominion.

Membership: Members, entrance fee \$10, annual dues \$8 to \$14; Juniors, \$5, \$3 to \$7; Students, \$1 or \$2; Affiliates, \$10, \$12. Annual dues vary in various branches. Total membership 5,200.

Meetings: Annual, in January. Special general meetings may be held as the occasion arises. General professional meetings may be held annually in each province.

Library: Includes engineering and scientific textbooks, transactions of various engineering societies, specifications, technical periodicals, and government reports.

Research funds, medals, etc.: GZOWSKI MEDAL, gold, annual, for a paper on an engineering subject. LEONARD MEDAL, gold, annual, for a paper on a mining subject. PLUMMER MEDAL, gold, annual, for a paper on metallurgy or chemistry. DUGGAN MEDAL, silver, and PRIZE, annual, for a paper on metallic construction engineering subject. PAST PRESIDENTS' PRIZE, \$100, for papers on engineering or economic subjects. SIR JOHN KENNEDY MEDAL. JULIAN C. SMITH MEDAL for achievement in the development of Canada. STUDENTS' PRIZES of \$25 each for papers on engineering. SPECIAL PRIZES by Branches of the Institute.

Publications: Transactions of the Institute, occasional. Engineering Journal, 1-24, 1918-1941, monthly, price \$3, \$2 to members.

84. Entomological Society of British Columbia. *President:* G. J. Spencer, University of British Columbia, Vancouver, B. C. *Secretary:* G. R. Hopping, Box 308, Vernon, B. C. Officers elected for one year; terms expire February, 1942.

History: Organized January 8, 1902. *Reference:* Canadian Entomologist, vol. 71, no. 1, 1939, page 31.

Object: To promote an interest in entomology in the region and to facilitate the exchange of material and information between workers.

Membership: Regular, Associate, and Honorary members. Annual dues \$2. Total membership 71.

Meetings: Annual, at Vancouver.

Library: 350 volumes on entomology.

Publications: Proceedings of the Entomological Society of British Columbia, annual, sometimes twice a year, 1-37, 1906-1941, price 50 cents, free to members.

85. Entomological Society of Ontario. *President:* H. G. Crawford, Division of Entomology, Science Service, Department of Agriculture, Ottawa, Ont. *Secretary:* A. W. Baker, Ontario Agricultural College, Guelph, Ont.

History: Organized in 1863 as the Entomological Society of Canada; present title adopted in 1870. The Society is still national in character, with branches in various provinces.

Object: The study and furtherance of entomology.

Membership: 190 members classified as: Members, annual dues \$2; Honorary, Life, and Corresponding members.

Meetings: Annual, in Guelph, alternating with Ottawa, Toronto, etc.

Library: Biological sciences; publications received in exchange for the Canadian Entomologist from about 125 institutions for a number of years.

Publications: Canadian Entomologist, 1-74, 1868-1941, price \$2, free to members, exchange. Annual Report.

86. Fisheries Research Board of Canada. *Chairman:* A. T. Cameron, Medical College, Winnipeg, Man. *Secretary:* Major D. H. Sutherland, Department of Fisheries, Hunter Building, Ottawa, Ont.

History: Virtually began in 1898 as the Board of Management of the Marine Biological Station of Canada, the members of which were selected by a committee that had been appointed by the British Association for the Advancement of Science at its meeting in Toronto in 1896. Later it was variously termed the Board of Directors of the Biological Stations of Canada, the Marine Biological Board, and the Biological Board. In 1912, through creation by an Act of Parliament, it became the Biological Board of Canada, which was revised as to membership in 1923 and also in 1930. Through repeal of this Act and a new Act of Parliament in 1937, it became the Fisheries Research Board of Canada.

Object: The advancement of the fisheries through both the capture and subsequent handling of the fish, and the increase of knowledge of marine and freshwater organisms and of their environment.

Membership: Fifteen members, nine from Canadian universities, two from the Department of Fisheries, and four from the fishing industry.

Meetings: Annual, in Ottawa, during the first week of January.

Library: 14,001 volumes in the various Station libraries on fisheries, hydrobiology, and hydrology.

Research funds, medals, etc.: The Board appropriated approximately \$238,000 for the year 1941-1942.

Publications: The Journal has been issued as: Contributions to Canadian Biology, 1901-1925; Contributions to Canadian Biology and Fisheries, 1926-1939; Journal of the Biological Board of Canada, 1934-1937; Journal of the Fisheries Research Board of Canada, 1938-, price \$3 a volume. Bulletins, no. 1-59, 1918-1941, priced according to size. Progress Reports of Pacific Biological Station and Pacific Fisheries Experimental Station, no. 1-47, 1929-1941, price 15 cents. Progress Reports of Atlantic Biological Station and Atlantic Fisheries Experimental Station, no. 1-29, price 15 cents. Annual Report, priced according to size.

87. Institut Canadien de Québec. *President:* Antonio Langlais, 126 rue St. Pierre, Quebec, Que. *Secretary:* Alphonse Désilets, Palais Montcalm, Quebec, Que.

Sections: Literature, history, and science.

Object: Instruction of the public in general.

Membership: Annual dues \$2. Total membership 900.

Library: 40,000 volumes.

Research funds, medals, etc.: Lectures are given monthly.

88. Institute of Safety Engineers of Canada. *President:* Norman Holland. *Secretary:* Lieut.-Colonel A. Gaboury, Office 38, Mount Royal Hotel, Montreal, Que.

Object: To promote accident prevention in all its phases in the home, on the highway, at the factory, at play, and at work; to improve, extend, and elevate the technical and general knowledge of persons engaged in, or about to be engaged in, safety engineering.

Membership: Maximum members 100. Fees are levied according to grade of membership.

Meetings: Periodically in Montreal.

89. Manitoba Association of Architects. 1111 McArthur Building, Winnipeg, Man. *President:* J. N. Semmens, 348 Main Street, Win-

nipeg, Man. *Secretary:* E. Fitz Munn. Officers elected for one year; terms expire December, 1942.

History: Founded 1906; combined with the Manitoba Board of Examiners in 1914.

Object: The registration of architects and the dissemination of knowledge among the members.

Membership: Entrance fee \$50, annual dues \$15. Total membership 53. List of members available.

Meetings: Annual general meeting on the third Monday in January; Council meets monthly.

Library: 1,000 volumes on architecture and engineering.

Research funds, medals, etc.: Scholarship awarded annually to student of high standing.

Publications: Journal of the Royal Architectural Institute of Canada, free to members.

90. Manitoba Pharmaceutical Association. *Secretary:* W. D. Macdougall, Box 1643, Winnipeg, Man.

91. Medical Council of Canada. *President:* E. S. Ryerson, Medical Faculty, Toronto University, Toronto, Ont. *Registrar:* J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ont.

History: Incorporated by Act of Parliament of Canada, instituted November 7, 1912.

Object: To hold examinations and maintain the Canadian Medical Register. Licentiates may become licensed to practise in any province in Canada without further examination on payment of necessary fee.

Membership: Examination fee \$50. Total membership 6,854. List of members available.

Meetings: Annual in Ottawa.

See also the following Provincial Licensing Bodies which are directly affiliated with the Medical Council of Canada:

Collège des Médecins et Chirurgiens de la Province de Québec.

College of Physicians and Surgeons of Alberta.

College of Physicians and Surgeons of British Columbia.

College of Physicians and Surgeons of Manitoba.

College of Physicians and Surgeons of Ontario.

College of Physicians and Surgeons of Saskatchewan.

Medical Council of Prince Edward Island.

New Brunswick Council of Physicians and Surgeons.

Provincial Medical Board of Nova Scotia.

92. Medical Council of Prince Edward Island. *President:* C. H. Johnson. *Secretary:* E. S. Giddings, Charlottetown, P. E. I.

History: Organized in 1871, and given present name by Medical Act of 1890.

Object: To regulate the practice of medicine and surgery in the Province.

Membership: All resident medical men are members of the society. 65 Resident, 36 Non-resident members, entrance fee \$50, annual dues \$2. List of members published.

Meetings: Annual general meeting in July. Council meets quarterly, or as called.

See also Medical Council of Canada.

93. Montreal Paint and Varnish Production Club. *President:* E. Wadge. *Secretary:* D. McTaggart, 7 Bates Road, Montreal, Que. Officers elected for one year; terms expire September, 1942.

Object: The interchange of practical and technical information and experience.

Membership: Annual dues \$5. Total membership 58.

Meetings: Monthly.

Research funds, medals, etc.: Two prizes of \$150 each are offered annually by the Federation of Paint and Varnish Production Clubs, one for undergraduates and one for graduates, for the best papers on subjects pertaining to the paint and varnish industry.

Publications: Digest, monthly, except July and August, free to members.

94. National Association of Marine Engineers of Canada. 407 Crescent Building, Montreal, Que. *President:* J. A. Heritage, 1438 Grant Street, Victoria, B. C. *Secretary:* W. A. MacDonald, 72 Albert Street, Halifax, N. S. Officers elected for four years; terms expire January 31, 1942.

History: Organized about 1902.

Object: To maintain and elevate the practical and technical status of marine engineers.

Membership: Entrance fee \$25, annual dues \$10 to \$20. Total membership 1,000.

Meetings: National Council meets on call of Executive. Local Councils meet monthly during the winter season.

Publications: Yearbook, after each National Session.

95. National Committee for Mental Hygiene. 111 St. George Street, Toronto, Ont. *President:* Sir Edward Beatty, Montreal, Que. *Secretary:* Marjorie Keyes, Toronto, Ont. *General Director:* C. M. Hincks. Officers and staff re-elected annually.

History: Organized in 1918 as a voluntary health organization.

Object: To work for the conservation of mental health, for improvement in the care and treatment of those suffering from nervous or

mental diseases or mental deficiency, and for the prevention of these disorders.

Membership: Total membership 100.

Meetings: Executive Committee meets on call. There is an annual meeting for the Board of Directors and the members.

Library: 400 volumes dealing with mental hygiene.

Research funds, medals, etc.: Research has been conducted on the pre-school child, the school child, dementia praecox, and immigration problems. SCOTTISH RITE MASONS PRIZE in psychiatry to Queen's University, Kingston, \$50.

Publications: Understanding the Child, quarterly, price 50 cents, free to members. The Committee also publishes a series of bulletins on mental hygiene and the war, particularly for the use of medical officers.

96. National Conference of Canadian Universities. *President:* H. J. Cody, University of Toronto, Toronto, Ont. *Secretary:* K. P. R. Neville, Dean, University of Western Ontario, London, Ont. Officers elected for three years; terms expire May, 1942.

History: Organized 1911.

Object: To coordinate higher education in Canada.

Membership: Institutional and individual members. Annual dues \$10 per delegate; there is a maximum of 6 allowed. Total membership 31. List of members available.

Meetings: Three meetings are held each five years.

Publications: A publication is issued for each formal Conference, 1911-1941, 18 issues in all, free to members.

97. National Research Council of Canada. *President:* Lieut.-General A. G. L. McNaughton, now on active service as Commander of the Canadian Corps, Canadian Army Overseas. *Acting President:* C. J. Mackenzie. *Secretary-Treasurer:* S. P. Eagleson.

History: Organized November 29, 1916, as the Honorary Advisory Council for Scientific and Industrial Research, under the Committee of the Privy Council on Scientific and Industrial Research. Constitution ratified by Act of Dominion Parliament, August 29, 1917. Act revised July 19, 1924. Short title "National Research Council" authorized by Order-in-Council, June 19, 1925. **Reference:** Revised Statutes of Canada, Chap. 177. Pending provision of laboratories, activities of the Council were directed towards the coordination of research activities in the universities, Government departments, and industry; the post-graduate training of research workers; and the prosecution of research through grants-in-aid. These functions are being continued. Temporary

laboratories were established in 1929. Construction of the National Research Building, begun in 1930, was completed and the building was opened in 1932. The new structure cost approximately \$3,000,000. The temporary laboratories were retained for aeronautical and shop work until better facilities could be provided for the expansion of the work of the Council in various fields as might be required. For this purpose a new site of 125 acres outside the city was acquired in 1939 and several new buildings erected thereon were occupied in 1941. The initial development of this new property was to furnish more adequate accommodation for the Division of Mechanical Engineering and to provide space for field experiments for the Division of Biology and Agriculture. Additional facilities for other divisions will also be made available from time to time as required, but at present new developments are being restricted to projects which have a direct bearing on the war effort. In addition to the activities of the laboratories, the Council maintains a Codes and Specifications Section, and a scientific library and technical information service, in a Research Plans and Publications Section with S. J. Cook, Officer-in-Charge. There are laboratory divisions in biology and agriculture, W. H. Cook, Director; chemistry, E. W. R. Steacie, Director; mechanical engineering, including aeronautics and hydraulics, J. H. Parkin, Director; physics and electrical engineering, R. W. Boyle, Director. In July, 1939, the staff consisted of 308 persons, of whom about one-third were trained scientists. War requirements have greatly increased the personnel of the Council; towards the end of 1941 there were nearly 900 persons on the rolls. Associate committees provide an important link between the Council and the general public. There are about thirty of these committees, whose function is to direct cooperative research within the fields assigned to each, to settle the objectives, indicate the organizations which should undertake the several component parts of an inquiry, and coordinate the results. The Council also cooperates with the various departments of the Dominion Government in the prosecution of scientific work, including the Department of National Defence and the Department of Munitions and Supply to which the entire facilities of the Council are available for the investigation of scientific problems related to Canada's war effort.

Object: To undertake in such a way as may be deemed advisable: to promote the utilization of the natural resources of Canada; researches with the object of improving the technical processes and methods which may promote the expansion of existing or the development of new industries; researches with the view of utilizing the waste products of said industries; the investigation and determination of standards

and methods of measurements including length, volume, weight, mass, capacity, time, heat, light, electricity, magnetism, and other forms of energy, and the determination of physical constants and the fundamental properties of matter; the standardization and certification of scientific and technical apparatus and instruments for the Government service, and for use in the industries of Canada; and the determination of standards of quality of materials used in the construction of public works and of supplies used in the various branches of the Government service; the investigation and standardization, at the request of any of the industries of Canada, of materials which are or may be used in, or of the products of, the industries making such a request; researches, the object of which is to improve conditions in agriculture; to have charge of, and direction or supervision over, researches which may be undertaken, under conditions to be determined in each case, by or for single industrial firms, or by such organizations or persons, as may desire to avail themselves of the facilities offered for this purpose; to have charge of all matters affecting scientific and industrial research in Canada which may be assigned to it by the Committee of the Privy Council on Scientific and Industrial Research, and to advise the committee on questions of scientific and technological methods affecting Canadian industries or the utilization of the natural resources of Canada.

Membership: Fifteen members appointed by the Governor in Council on the recommendation of the Committee of the Privy Council on Scientific and Industrial Research. The President is the chief executive officer of the Council and has supervision over and directs the work of the officers and staff of the Council.

Meetings: At least four times a year in the city of Ottawa, and at such other times and places as the Council may deem necessary.

Library: Approximately 26,000 volumes have been acquired as the nucleus of a national scientific library which is being added to regularly. Accommodation has been provided for about 400,000 volumes.

Research funds, medals, etc.: The Council is constituted a corporate body, capable of receiving and administering funds for the purpose of its work. The revenue of the Council consists of an annual appropriation by the Dominion Government and of funds, including royalties, fees, and contributions towards special researches, from industrial organizations and private individuals. During the year 1940-1941, the Government appropriations to the Council amounted to \$1,918,169.32 and other income brought the total receipts to \$2,134,584.74.

Publications: Canadian Journal of Research, monthly, 1-20, 1929-1942, price for Sections

A and B, Physical and Chemical Sciences, \$2.50; Sections C and D, Botanical and Zoological Sciences, \$2.50; four sections complete, \$4, exchange. Annual Report, 1918-1940. Annual Review of Activities, 1940. A list of the Council's other publications as of March, 1942, contained 1,052 titles.

98. Natural History Society of Manitoba.

President: P. H. Stokes, 8 Braden Apartments, Winnipeg, Man. *Secretary:* Miss F. M. Pratt, 366 Waterloo Street, Winnipeg, Man. Term of President, elected for two years, expires April, 1942; Secretary appointed for an indefinite period.

History: The Society was founded May 1, 1920; the Manitoba Audubon Society joined the organization in October, 1920. *Sections:* Ornithological, Entomological, Botanical, Geological, Zoological, Microscopy (Zoological and Botanical). *Reference:* A Bulletin giving the history of the society through twenty-one years is in preparation.

Membership: Annual fee \$1. Total membership 135.

Meetings: Weekly, from October to April inclusive; summer excursions during May, June, and July.

Research funds, medals, etc.: Funds are allotted for the publishing of Bulletins; also, medals are awarded from time to time.

Publications: Two Bulletins are in the course of preparation: one on Manitoba Flora, and the above mentioned History of the Society.

99. New Brunswick Council of Physicians and Surgeons.

Registrar: J. M. Barry, 182 Princess Street, Saint John, N. B.

See also Medical Council of Canada.

100. New Brunswick Pharmaceutical Society.

President: T. B. Horsler, 32 Manawagonish Road, Fairville, N. B. *Secretary:* W. W. Macaulay, 131 St. James Street, Saint John, N. B.

History: Organized 1884.

Object: The unification of the sale of poisons through control.

Membership: Pharmaceutical chemists, annual dues \$10; Certified clerks, \$2. Total membership 124.

Meetings: Annual, in June; Council meetings when necessary.

Research funds, medals, etc.: NEW BRUNSWICK PHARMACEUTICAL SOCIETY PRIZE of \$100, awarded at the Maritime College of Pharmacy to a New Brunswick student of sufficiently high standing; and the COLONEL J. D. B. F. MACKENZIE BURSARY of \$25, to the student making the highest mark in chemistry on graduation from High School.

101. New Brunswick Veterinary Association.

President: T. Fred Johnston, Saint John, N. B. *Secretary:* L. S. Doyle, Moncton, N. B. Officers elected for one year; terms expire January, 1943.

History: Organized 1919.

Object: The study of the diseases of domestic animals.

Membership: Entrance fee \$25; annual dues \$1. Total membership 14.

Meetings: Annual, on the second Wednesday in January.

102. Nova Scotia Association of Architects.

President: C. St. J. Wilson, Roy Building, Halifax, N. S. *Secretary:* A. E. Priest, 428 Robie Street, Halifax, N. S.

History: Incorporated April 28, 1932.

Object: To register and license persons to practise architecture in the Province of Nova Scotia under the provisions of the Architect's Act.

Membership: Associate Members, Student Associates, and Honorary members. Entrance fee \$125, annual dues \$25.

Meetings: Annual general meeting in Halifax; Council meetings held on call.

Publications: Members receive the Journal of the Royal Architectural Institute of Canada.

103. Nova Scotia Pharmaceutical Association.

Secretary-Registrar: Dean G. A. Burbidge, Medical Science Building, Halifax, N. S.

104. Nova Scotia Veterinary Association.

President: George Townsend, New Glasgow, N. S. *Secretary:* T. F. Hotchkis, Amherst Cumberland Company, Amherst, N. S.

History: Organized with charter in 1913.

Object: The advancement of veterinary science and the protection of the members.

Membership: Entrance fee \$25, annual dues \$1. Total membership 12.

Meetings: Annual.

105. Nova Scotian Institute of Science.

President: R. J. Bean, Dalhousie University, Halifax, N. S. *Secretary:* C. B. Weld, Dalhousie University, Halifax, N. S.

History: Organized December 31, 1862, as the Nova Scotian Institute of Natural Science; name changed to present title in 1890.

Object: The publication and discussion of original research.

Membership: Ordinary members, annual dues \$2; Associates, \$1; Life, \$30; Students, 50 cents, and Corresponding members. List of members available.

Meetings: Monthly from November to May, at Dalhousie University.

Library: 82,000 volumes on pure and applied science.

Publications: Proceedings, formerly Proceedings and Transactions, annual, 1-20, 1863-1940, price \$2, four annual parts at 50 cents per volume, free to members and on exchange.

106. Ontario Academy of Osteopathy. *President:* C. V. Hinsperger, 806 Canada Building, Windsor, Ont. *Business Manager:* E. S. Detwiler, 444 Waterloo Street, London, Ont. Officers elected for one year; terms expire May, 1942.

History: Organized as the Ontario Association of Osteopathy in 1902, known as the Ontario Association of Osteopathic Physicians and Surgeons in 1927, name changed to present title in 1937.

Object: The promotion of osteopathy in Ontario, both within the profession and among the laity.

Membership: Active, Associate, and Honorary members. Membership dues for Active members, \$15; for Associates, \$5. Total membership 55.

Meetings: Annual, in May in Toronto; Fall meeting, September, October, or November in various cities.

Publications: Ontario Osteopath, newspaper type publication of 4 to 8 pages, printed, irregular, 1-10, free to members.

107. Ontario Agricultural and Experimental Union. Field Husbandry Department, Ontario Agricultural College, Guelph, Ont. *President:* Alex McKinney, Brampton, Ont. *Secretary:* G. P. McRostie, Ontario Agricultural College, Guelph, Ont.

History: Organized 1879.

Object: To cooperate with practical farmers in introducing the best varieties of grains suited to particular localities and individual farms.

Membership: Annual dues 50 cents. Total membership 211.

Meetings: Annual.

Publications: Annual Report, free.

108. Ontario Association of Agricultural Societies. *President:* E. F. Johnston, Carp, Ont. *Secretary:* J. A. Carroll, Department of Agriculture, Toronto, Ont. Officers elected for one year; terms expire February, 1942.

History: Organized in 1901 as the Ontario Association of Fairs and Exhibitions; name changed to present title in 1935.

Object: To promote agriculture within the Province by encouraging the breeding of livestock; by the production of good field crops, seed grain, etc.; by competition at fairs and exhibitions; by the proper methods of cultivation;

by meetings for discussion on various problems of interest to farmers and all phases of agriculture.

Membership: Affiliation fee \$1 to \$5. Total membership 307.

Meetings: Annual Convention and District meetings.

Research funds, medals, etc.: Diplomas, not more than six, may be awarded each year. Medals may be awarded to leaders in agriculture.

Publications: Annual Report.

109. Ontario Association of Architects. *President:* Bruce H. Wright, 96 Bloor Street West, Toronto, Ont. *Secretary:* J. P. Hynes, 74 King Street East, Toronto, Ont. Term of President, elected for one year, expires January, 1943; Secretary appointed for an indefinite period.

History: Established 1889; incorporated 1890 and incorporation revised 1935.

Object: To promote and increase the knowledge, skill, and proficiency of its members in all things relating to the profession of architecture, and to advance and maintain a high standard in the practice of architecture in Ontario, and to those ends to establish and maintain, or to assist in the establishment and maintenance of, classes, schools, exhibitions, or lectures in, and to promote public appreciation of, architecture and the allied arts and sciences.

Membership: Members, Associates, and Honorary members. Entrance fee \$50, annual dues \$25. List of members available.

Meetings: Annual meeting in January; Council meets monthly.

Research funds, medals, etc.: Annual scholarship of \$100 awarded in architecture at the School of Architecture, University of Toronto. Gold, Silver, and Bronze Medals are awarded by the TORONTO ARCHITECTURAL GUILD PRIZE FUND, of which the President of the Association is the Trustee.

110. Ontario Neuro-Psychiatric Association. *President:* C. S. Tennant. *Secretary:* A. McCausland, Ontario Hospital, London, Ont.

History: The inaugural meeting was held in the Ontario Hospital, Kingston, on April 28, 1920.

Object: To form an authoritative medium between the psychiatrists in Ontario and the public.

Membership: 132 members.

Meetings: Semiannual.

Publications: Ontario Journal of Neuro-Psychiatry, semiannual, free.

111. Ontario Research Foundation. 43-47 Queen's Park, Toronto, Ont. *Chairman:*

E. Holt Gurney. *Director:* H. B. Speakman.

History: Organized in 1928 at the instigation of the Provincial Government.

Object: The objects of the Foundation shall be the carrying on of research work and investigations having for their purposes: the improvement and development of manufacturing and other industries by the introduction of advanced methods and processes; the discovery and better development of the natural resources of the Province, and the discovery and utilization of the by-products of any processes in treating or otherwise dealing with the mineral, timber, and other resources of the Province; the development and improvement of methods in the agricultural industry and the betterment, welfare, and progress of farm life; scientific research and investigation for the mitigation and abolition of disease in animal or vegetable life, and the destruction of insect or parasitic pests; generally, the carrying out, with the approval or under the direction of the Lieutenant-Governor in Council, of any other research work or investigation which may be deemed expedient.

Membership: Members of the Foundation may be designated as such persons who have, or may hereafter, become subscribers to the Foundation. A Council representing the scientific, agricultural, and industrial interests of the Province, acts in an advisory capacity.

Meetings: There are no regular dates for meetings of the Advisory Council; these are held in the Board Room of the Foundation when called.

Library: In building up the Library an effort is made to cover the various fields in which researches are being carried out, such as, agriculture, biochemistry, chemistry, engineering, fuel, gas, metallurgy, textiles, veterinary science, etc. There are 4,800 volumes at present, including textbooks and periodicals. Government reports and reprints are also kept on file. The Foundation subscribes to 160 current periodicals of both a scientific and technical character.

Research funds, medals, etc.: In the laboratories of the Foundation, investigations on behalf of industry are being carried out on textiles, leather, food products, and metallurgical and chemical engineering problems. Fundamental researches in these fields, as well as on animal diseases and agricultural problems, are also being carried out. The income of the Foundation is derived from an endowment fund created by investment of the monies subscribed by the Provincial Government, private individuals, and corporations. The investigations are supported by the interested party, the Foundation providing the necessary facilities and accommodation.

Publications: Ontario Research Foundation Bulletin, quarterly, 1-8, 1934-1941, free. An-

nual Report. Papers by members of the staff are published in various scientific journals.

112. **Ontario Veterinary Association.** *Secretary:* W. J. Rumney, 612 King Street West, Hamilton, Ont.

113. **Ottawa Field-Naturalists' Club.** *President:* H. G. Crawford, 143 Broadway Avenue, Ottawa, Ont. *Secretary:* J. W. Groves, 95 Sunnyside Avenue, Ottawa, Ont. Officers elected for one year; terms expire December, 1942.

History: Founded 1879; incorporated 1884. *Affiliated Societies:* McIlwraith Ornithological Club, London, Ont.; Natural History Society of Manitoba, Winnipeg, Man.; Province of Quebec Society for the Protection of Birds, Montreal, Que.; Vancouver Natural History Society, Vancouver, B. C.; Provancher Society of Natural History of Canada, Quebec, Que.; Toronto Field-Naturalists' Club, Toronto, Ont.; British Columbia Bird and Mammal Society, Vancouver, B. C.

Object: To further the study of natural history, and to publish the results of original research in the field.

Membership: Regular members, entrance fee \$2, annual dues \$2; Life membership, \$50; Sustaining Life, \$100; Benefactors, \$500 or more. List of members available.

Meetings: Annual meeting in December in the National Research Council Auditorium in Ottawa; monthly meetings are held during the winter at St. Patrick's College; the Council meets two or three times a year.

Publications: Canadian Field-Naturalist, monthly, except June, July, and August, 1-60, 1886-1941, price \$2 a volume or 25 cents per copy, \$3 for back numbers, or 35 cents per copy, free to members. Formerly known as the Transactions of the Ottawa Field-Naturalists' Club, 1879-1886, and the Ottawa Naturalist, 1886-1919.

114. **Prince Edward Island Pharmaceutical Association.** *President:* R. H. Jenkins, Charlottetown, P. E. I. *Secretary:* Roy M. Smallman, Charlottetown, P. E. I. Officers elected for one year; terms expire June, 1942.

Membership: Annual dues \$4 for store owners, \$3 for druggists who do not own stores. Total membership 33.

Meetings: Annual.

115. **Professional Institute of the Civil Service of Canada.** *President:* W. N. Keenan, Box 882, Station B, Ottawa, Ont. *Honorary Secretary:* Robert C. Berry. *Assistant Secretary:* J. S. McGiffin. Officers elected for one year; terms expire April, 1942.

History: Organized in 1920. *Sections:* Seven regional groups; thirty-three professional groups.

Object: To enhance the usefulness of the Service to the public, to maintain high professional standards, and to promote the welfare of the members.

Membership: Dominion Public Service Members, Associates, Life, and Honorary members. Annual dues \$2. Total membership 1,350.

Meetings: Monthly for Executive, Council, and Committees. Annual meetings in April.

Research funds, medals, etc.: PROFESSIONAL INSTITUTE MEDAL, presented annually.

Publications: Institute Journal, monthly, 1-20, 1921-1941, price \$1; known as the Institute Bulletin until December 31, 1931; included in the membership subscription.

116. Province of Quebec Association of Architects. Room 761, 620 Cathcart Street, Montreal, Que. *President:* J. Roxburgh Smith, 1221 Osborne Street, Montreal, Que. *Secretary:* Maurice Payette, 477 St. Francois Xavier Street, Montreal, Que. Officers elected for one year; terms expire January, 1942.

History: Organized 1890.

Object: To develop and maintain high standards in the architectural profession; to facilitate the acquirement and interchange of professional knowledge among its members; to advance the professional, the social, and the economic welfare of its members; to enhance the aesthetic, scientific, and practical efficiency of the profession in the public service; to collaborate with universities and other educational institutions and technical societies in the advancement of knowledge, research, and skill in the arts and sciences, particularly in those branches especially related to the profession of architecture.

Membership: Practising members, registration fee \$100, annual dues \$25; Non-resident Associates, \$100, \$50; Student Associates, \$25; Honorary members. Total membership 340. List of members available.

Meetings: Annual general meeting, alternately at Montreal and Quebec. The Council meets monthly.

Library: 500 volumes on architecture.

Research funds, medals, etc.: P. Q. A. A. TRAVELLING SCHOLARSHIP, for the measuring of old French Colonial buildings of the Province of Quebec.

Publications: Yearbook.

117. Provincial Medical Board of Nova Scotia. *President:* J. G. MacDougall, 958 Spring Garden Road, Halifax, N. S. *Secretary:* H. L. Scammell, 196 Atlantic Street, Halifax,

N. S. Officers elected for one year; terms expire November, 1941.

History: Formed in 1872.

Object: To regulate medical licensure and practice in Nova Scotia.

Membership: Total membership 13. List of members available.

Meetings: Biennial, in Halifax.

Publications: Register, printed in July each year.

See also Medical Council of Canada.

118. Quebec Society for the Protection of Plants. Macdonald College, Que. *President:* L. S. McLaine, Department of Agriculture, Ottawa, Ont. *Secretary:* Rosario Barabe, Department of Agriculture, Que. Term of President, elected for two years, expires 1942; of Secretary, elected for one year, 1942.

History: Organized June 24, 1908.

Object: The furtherance of knowledge in entomology, mycology, plant pathology, plant breeding, etc.

Membership: Ordinary, Life, Corresponding, and Honorary members. Expenses met by a subsidy from the Quebec Department of Agriculture. Total membership 150.

Meetings: Annual meeting in April, at Macdonald College.

Publications: Annual Report, 1-27, 1908-1935.

119. Research Council of Alberta. University of Alberta, Edmonton, Alta. *Acting Secretary:* E. Stansfield, University of Alberta, Edmonton, Alta. At present the work is under University control and no Council is appointed.

History: The Scientific and Industrial Research Council of Alberta was created by Order-in-Council in January, 1921. It was incorporated as the Research Council of Alberta by an act of the Legislature of Alberta in March, 1930. From January, 1921 to March, 1933, the Council was financed by a separate vote of the Legislature, and the work and expenditures were controlled by the Council. Since March, 1933, the work on a reduced scale has been financed and controlled by the University of Alberta. *References:* The Scientific and Industrial Research Council of Alberta, University of Alberta Press Bulletin, No. 2, Vol. 11, 1925. Alberta's Organization for Research Work, Industrial Canada, January, 1930.

Object: The Council has charge of all matters affecting scientific and industrial research in Alberta which may be assigned to it by the Lieutenant Governor in Council, and has the duty of advising the Executive Council of Alberta on questions of scientific and technological methods affecting the expansion of indus-

tries, or the utilization of the natural resources of Alberta.

Library: 6,000 volumes on mining, milling, metallurgy, fuel technology, and general science.

Research funds, medals, etc.: \$12,390 devoted to research in 1941; fields of research activities cover fuels, geology, road materials, natural gas, and soil. Laboratory is located at University of Alberta, equipped to study fuels, and also road materials, notably the bituminous sands of Alberta.

Publications: Scientific and Industrial Research Council of Alberta, annual, 1-22, Research Council of Alberta, 23-38, nominal fee, with free mailing list.

120. Royal Architectural Institute of Canada.

Room 205, 74 King Street East, Toronto, Ont. *President:* Burwell R. Coon, 4 St. Thomas Street, Toronto, Ont. *Honorary Secretary:* Alcide Chausse, 7816 De Gaspé Avenue, Montreal, Que.

History: Founded as the Institute of Architects of Canada, August 19, 1907; incorporated as the Architectural Institute of Canada, June 16, 1908; granted permission to use the prefix "Royal", June 2, 1909; incorporated as the Royal Architectural Institute of Canada, April 1, 1912; granted permission to classify membership as Members, Fellows, and Honorary Fellows, June 14, 1929. *Sections:* Province of Quebec Association of Architects, Manitoba Association of Architects, Alberta Association of Architects, Saskatchewan Association of Architects, Architectural Institute of British Columbia, Architects' Association of New Brunswick, and the Nova Scotia Association of Architects. *Reference:* History of the Inception of the Royal Architectural Institute of Canada, by Alcide Chausse, 1939.

Object: To facilitate the acquirement and interchange of professional knowledge among its members, and more particularly, to promote the acquisition of that species of knowledge which has special reference to the profession of architecture; and further, to encourage investigation in connection with all branches and departments of knowledge connected with that profession.

Membership: Members, Fellows, and Honorary Fellows. Limited to those who hold a membership in a provincial association. Total membership 960. List of members available for \$5.

Meetings: Annual, in February; Executive meetings every two months or oftener as required.

Library: 500 volumes on architecture, building construction, civil engineering, etc.

Research funds, medals, etc.: Medals awarded annually to the outstanding graduate in each School of Architecture.

Publications: Journal, monthly, 1-18, 1923-1941, price \$3, free to members.

121. Royal Astronomical Society of Canada.

198 College Street, Toronto, Ont. *President:* Frank S. Hogg, David Dunlap Observatory, Richmond Hill, University of Toronto, Toronto, Ont. *Secretary:* E. J. A. Kennedy, 137 Wellington Street West, Toronto, Ont. Officers elected for one year; terms expire December, 1942.

History: Incorporated 1890 under the name Astronomical and Physical Society of Toronto; name changed to the Toronto Astronomical Society in 1900, and to the present title in 1903. *Sections:* Montreal, Que.; Toronto, Hamilton, and London, Ont.; Winnipeg, Man.; Edmonton, Alta; Vancouver and Victoria, B. C.

Object: To study astronomy and astrophysics, to diffuse practical information on these subjects, to publish results, and to acquire and maintain a library.

Membership: Active members, Honorary members, and Fellows. Annual dues \$2. Total membership 920. List of members available.

Meetings: Alternate Tuesdays, from October to May, in Toronto; at various times in other large centres.

Library: 3,600 volumes on astronomy and astrophysics.

Research funds, medals, etc.: Medals awarded annually to those distinguishing themselves in the courses in astronomy and physics.

Publications: Journal, 10 numbers a year, 1-36, 1907-1942, price \$2, free to members. Observer's Handbook, price 25 cents. Transactions, Astronomical and Physical Society of Canada, 1890-1905.

122. Royal Canadian Academy of Arts. President:

Fred S. Haines, Ontario College of Art, Grange Park, Toronto, Ont. *Secretary:* E. Dyonnet, 1207 Bleury Street, Montreal, Que. Term of President, elected for five years, expires 1944; Secretary appointed for an indefinite period.

History: Founded 1880 by H. R. Highness Princess Louise and Marquess of Lorne.

Object: To cultivate and promote the fine arts.

Membership: Academicians and Associates. Annual dues \$5 and \$10. Total membership 117.

Meetings: Annual Exhibitions at Montreal and Toronto.

Publications: Annual Catalogue, price 25 cents.

123. Royal Canadian Institute. 198 College Street, Toronto, Ont. *President:* L. Joslyn Rogers, Mining Building, University of Toronto, Toronto, Ont. *Executive Secretary:* D. Bruce Murray. Term of President, elected for one year, expires March, 1942; Secretary appointed by the Council for an indefinite period.

History: Organized as the Canadian Institute, 1849; Royal Charter granted November 4, 1851; name changed to present title, April, 1914. *Reference:* Transaction of the Royal Canadian Institute, Vol. 6.

Object: To disseminate scientific knowledge.

Membership: Ordinary members, annual dues \$5; Associates, ladies who do not desire full membership, \$2.50; Life membership, payment of \$100. Total membership 1,400. List of members available.

Meetings: Every Saturday evening, from November to March inclusive, in Convocation Hall at the University of Toronto.

Library: 30,000 scientific volumes.

Publications: Transactions, annual, 1-23, 1890-1941, price \$2, free to members. Proceedings are free to members. The publications of the Royal Canadian Institute have appeared in four principal series and one minor series as follows: The Canadian Journal, a Repertory of Industry, Science, and Art, and a Record of the Proceedings of the Canadian Institute, 3 volumes, 1852-1855. The Canadian Journal of Science, Literature, and History, 1-15, 1856-1857. Proceedings of the Canadian Institute, 1-7, 1870-1890. Proceedings of the Royal Canadian Institute, containing reports of scientific lectures given before the Institute, 1936-. Transactions, original scientific papers, 1890-. Proceedings, 1897-1904; two volumes in this series were published concurrently with the Transactions and contain short papers.

124. Royal College of Physicians and Surgeons of Canada. *President:* A. T. Mathers, Dean of the Faculty of Medicine, University of Manitoba, Winnipeg, Man. *Secretary:* Warren S. Lyman, Room 3018, National Research Laboratories, Sussex Street, Ottawa, Ont. Officers elected for two years; terms expire October, 1943.

History: Incorporated by Act of Parliament 19-20, George V, Chapter 97; assented to June 14, 1929.

Object: Because of the growth and development of the science and art of medicine and its division into various specialties, it is considered necessary and advisable that a practising physician essaying to do "special work" should have the opportunity of obtaining a distinguishing designation from the Royal College of Physicians and Surgeons of Canada whereby it may be known that he is properly qualified.

Membership: Fellows, entrance fee \$150, annual dues \$10. Total membership 540. List of members available for 50 cents.

Meetings: Annual, in Ottawa.

Publications: Annual Hand Book, price 50 cents, free to all Fellows.

125. Royal Society of Canada. *President:* F. W. Howay, Law Courts, New Westminster, B. C. *Secretary:* E. W. R. Steacie, National Research Council, Ottawa, Ont. Term of President, elected for one year, expires May, 1942; Secretary appointed for an indefinite period.

History: Founded by His Grace the Duke of Argyll in 1882; incorporated by Act of Parliament, May 25, 1883. *Sections:* I. French literature, history, archaeology, sociology, political economy, and allied subjects. II. English literature, history, archaeology, sociology, political economy, and allied subjects. III. Mathematical, chemical, and physical sciences. IV. Geology, palaeontology, mineralogy, geography, and allied subjects. V. Biological sciences.

Object: To encourage studies and investigations in literature and science; to publish transactions annually or semiannually, containing the minutes of proceedings at meetings, records of the work performed, original papers and memoirs of merit, and such other documents as may be deemed worthy of publication; to offer prizes or other inducements for valuable papers on subjects relating to Canada, and to aid researches already begun and carried so far as to render their ultimate value probable; to assist in the collection of specimens with a view to the formation of a Canadian museum of archives, technology, archaeology, and natural history.

Membership: Fellows (F. R. S. C.) must be persons resident in the Dominion of Canada or Newfoundland, who have published original works or memoirs of merit, or have rendered eminent service to literature or science, initiation fee \$10, annual fee \$10. The number of Fellows in each Section is limited to: Section I, 40; Section II, 90; Sections III, IV, and V, no limitation, but only three new Fellows may be elected each year. Total membership about 345. List of members available.

Meetings: Annual, at Ottawa, unless otherwise determined by Council.

Library: Approximately 33,000 volumes covering all branches of knowledge, but more particularly the natural sciences; now housed in the library of the National Research Council, Ottawa.

Research funds, medals, etc.: FLAVELLE MEDAL, for original work in science of conspicuous merit. LORNE PIERCE MEDAL, for some achievement in imaginative or critical literature of especial significance. TYRRELL MEDAL, for outstanding work in history. Two more medals have been established in 1941: the HENRY

MARSHALL TORY MEDAL, for outstanding work in the physical sciences, and the **WILLET G. MILLER MEDAL** in the geological sciences.

Publications: Proceedings and Transactions, 1882-1913, annual; 1914-1918, annual, and separate quarterly editions; 1919-1923, annual; 1924 to date, annual and separates of Transactions of Sections I and II combined, of Sections III, IV, and V separately. Price, Annual Volume, \$5; Transactions of Sections, whole number, \$1; free to members and on exchange.

126. St. John Ambulance Association, Canadian Branch. *Lieutenant:* Lieut.-Colonel R. E. Wodehouse, O.B.E., M.D., D.P.H. *Director of Ambulance:* Lieut.-Colonel Gerald Allison, Hope Chambers, Sparks Street, Ottawa, Ont.

History: Organized February 22, 1910. *Provincial Branches:* Alberta, Edmonton; British Columbia, Victoria; Manitoba, Winnipeg; New Brunswick, St. John; Nova Scotia, Halifax; Ontario, Toronto; Prince Edward Island, Charlottetown; Quebec, Montreal; Saskatchewan, Saskatoon. *Company Councils:* Canadian National Railways, Canadian Pacific Railway. *Special Centres:* Department of National Defence, Royal Canadian Mounted Police; Bell Telephone Company, the Northern Electric Company; Canadian Industries, Limited; the Steel Company of Canada, Limited.

Object: To promote instruction and to carry out work for the relief of suffering of the sick and injured in peace and war, independently of class, nationality, or denomination.

Membership: Life, fee \$50; Honorary Life; Sustaining, annual dues \$50; Ordinary members, \$2; Honorary members.

Meetings: Annual, at Ottawa, on call of the Lieutenant. Ambulance Committee meets monthly.

Library: 200 volumes on first aid and home nursing and the Venerable Order of the Hospital of St. John of Jerusalem.

Publications: Canadian First Aid, quarterly, price 25 cents, exchange. Annual report. Miscellaneous publications concerning first aid and related subjects.

127. Saskatchewan Association of Architects. 212 C. P. R. Building, Saskatoon, Sask. *President:* S. E. Storey, Regina, Sask. *Secretary:* E. J. Gilbert. Officers elected for one year; terms expire November, 1942.

History: Incorporated 1911.

Object: To control the practice and promote the study of architecture in Saskatchewan.

Membership: Members and Student Associates. Entrance fee \$25, annual dues \$15. Total membership 21.

Meetings: Annual, in Regina or Saskatoon.

Library: 110 volumes on architecture and the allied arts.

Publications: Handbook published occasionally, last issue 1939, free.

128. Saskatchewan Land Surveyors' Association. *President:* J. D. Shepley, North Battleford, Sask. *Secretary:* Stewart Young, 2822 Rae Street, Regina, Sask. Term of President, elected for one year, expires December, 1942; of Secretary, elected for one year, March, 1943.

History: Organized March 8, 1910.

Object: The protection of the public through registration.

Membership: Entrance fee \$50, annual dues \$7.50. Total membership 35. List of members available.

Meetings: Annual, on the first Monday in March, in Regina.

Library: 50 volumes on surveying.

Research funds, medals, etc.: A prize of \$25 is awarded annually to a second year student in engineering at the University of Saskatchewan, for the best standing in surveying.

129. Saskatchewan Pharmaceutical Association. *President:* J. H. Best, North Battleford, Sask. *Secretary:* W. M. Van Valkenburg, Regina, Sask.

Object: The registration of the retail pharmaceutical chemists and registered apprentices of the Province.

Membership: Registered druggists, 400, entrance fee \$10, annual dues \$10; Registered apprentices, 66, \$3, \$2.

Meetings: Semiannual.

130. Scientific Club of Winnipeg. *Secretary:* Hugh H. Sanderson, University of Manitoba, Winnipeg, Man.

History: Founded 1905.

Object: To discuss new and current scientific questions and thereby to stimulate original research on part of members.

Membership: Life, Corresponding, and Regular members. Annual dues \$5. Total membership 85.

Meetings: Fortnightly, usually at the University of Manitoba.

Research funds, medals, etc.: A prize is offered biennially for the best piece of scientific research carried out at the University of Manitoba by recent graduates, \$150.

131. Société Canadienne d'Histoire Naturelle. Jardin Botanique de Montréal, 4101 est, rue Sherbrooke, Montreal, Que. *Honorary President:* Frère Marie Victorin. *Active President:* Rev. L.-G. Morin, c. s. c., University of Montreal, Montreal, Que. *Secretary:*

Pierre Dansereau, Montreal Botanical Garden, Montreal, Que. Terms of officers, elected for one year, expire January, 1942.

History: Founded June 10, 1923. (See ACFAS). *Sections:* 900 Junior Naturalists Clubs are affiliated with the Société Canadienne d'Histoire Naturelle. *References:* Dix ans après, 1934; Pour un Institut de Géologie, 1937; La science et notre vie nationale, 1939; Histoire de l'Institut Botanique de l'Université de Montréal, 1941.

Object: The study of natural sciences.

Membership: Active members, annual dues \$1; Life members, payment of \$25. Total membership 360.

Meetings: The first Tuesday of each month.

Research funds, medals, etc.: Prizes are awarded to the Junior Naturalists' Clubs.

Publications: Bibliothèque des Jeunes Naturalistes, irregular, 69 numbers published since 1932.

132. *Société de Biologie de Montréal.* Université de Montréal, Montreal, Que. *President:* E. G. Asselin. *Secretary:* L. P. Dugal, 1577 Providence, Montreal, Que. Officers elected for one year; terms expire September, 1941.

History: Founded February 16, 1922; affiliated with La Société de Biologie de Paris. (See ACFAS).

Object: Study, discussion, and publication of any original subject in biology.

Membership: Entrance fee \$1, annual dues \$1. Total membership 90. List of members available.

Meetings: Monthly, at the University of Montreal.

Publications: Comptes-Rendus.

133. *Société de Chirurgie de Montréal.* 1414 Drummond Street, Montreal, Que. *President:* A. X. Crépault. *Secretary:* M. Fauteaux.

History: Founded 1920.

Object: The study of surgery.

Membership: Limited to surgeons only. Entrance fee \$20, annual dues \$5. Total membership 35.

Meetings: Monthly.

134. *Société de Gastro-Entérologie de Montréal.* *President:* J. E. Dubé. *Secretary:* Jean LeSage, 336 Sherbrooke Street East, Montreal, Que.

History: Founded in February, 1933, in Montreal. Affiliated with the Société Médicale de Montréal.

Object: To unite the various French speaking specialists interested in and practising as exclusively as possible gastro-enterology in Montreal, and the English speaking specialists

at large; to advance the learning and standards of this branch of medicine.

Membership: Titular, Associated, Non-resident, and Corresponding members. 35 members (closed membership).

Meetings: Monthly.

Library: Members use the library of the University of Montreal.

Research funds, medals, etc.: Messrs. Casgrain and Charbonneau make an annual donation of \$100 for the purpose of carrying on the current activities of the Society. A research fund is to be formed this year for the purpose of studying dietetic problems.

Publications: Publications of the Society appear in the Union Médicale du Canada.

135. *Société de Géographie de Québec.* *President:* L'Hon. F. Fafard, Le Sénat, Ottawa, Ont. *Secretary:* L. Z. Rousseau, Ecole Forestière, Québec, Que. Officers elected for one year; terms expire 1942.

History: Founded in 1877. (See ACFAS).

Object: To study the geography of the Province of Quebec.

Membership: Membres Ordinaires, Membres d'Honneur. Annual dues \$2. Total membership 125.

Meetings: Annual, in Quebec.

Library: 2,000 volumes on geography.

Publications: Le Bulletin de la Société de Géographie, 1-28, 1880-1941, price \$2, free to members.

136. *Société de Phtisiologie de Montréal.* 1464 St. Hubert Street, Montreal, Que. *President:* A. M. Cholette, 1451 Boulevard St. Joseph East, Montreal, Que. *Secretary:* Omer Manseau, 450 Sherbrooke Street East, Montreal, Que.

History: Founded in March, 1929.

Object: To further research and the study of tuberculosis.

Membership: Regular, Associate, Honorary, and Corresponding members, annual dues \$2. Total membership 60.

Meetings: Monthly, except during July and August.

Library: Library at Bruchesi Institute.

137. *Société Médicale de Montréal.* *President:* A. Marin. *Secretary:* G. A. Séquin, 461 Querbes Street, Montreal, Que.

History: Founded in 1872; in 1875, it became the Société d'Étude, and in 1896 was revived as a closed society; in 1900 it took its present title and was opened to all members of the profession. (See ACFAS).

Object: The study of medicine, surgery, and allied subjects.

Membership: Annual dues \$3. 300 registered medical practitioners.

Meetings: Twice monthly.

Publications: Union Médicale du Canada.

138. **Société Médicale de Québec.** Le Cercle Universitaire, Québec, Que. **President:** R. Rainville, 149 Third Avenue, Québec, Que. **Secretary:** de la Broquerie Fortier, 611 St. Jean, Québec, Que. Officers elected for two years; terms expire 1943.

History: Founded in Québec, January 14, 1897.

Object: To advance the science of medicine and the interests of the medical profession.

Membership: Active, entrance fee \$1, annual dues \$1. Total membership 175.

Meetings: Monthly, September to June.

Library: Members use the Library of the School of Medicine at Université Laval.

139. **Textile Society of Canada, Eastern Division.** **President:** L. N. Thompson, Granby, Que. **Secretary:** A. H. Wood, 1220 University Tower Building, Montreal, Que.

Object: To promote the knowledge and practice of textile technology, and to foster lectures and encourage research and further education in regard to the textile industry.

Membership: Senior members, annual dues \$5, Juniors, \$1. Total membership 120.

Meetings: Monthly, through the winter season. There are eight meetings a year in Québec.

Library: A library is being formed.

Publications: The Canadian Textile Journal is the official organ to date.

140. **Vancouver Natural History Society.** University of British Columbia, Vancouver, B. C. **President:** Ian McTaggart Cowan, 4423 West Seventh Avenue, Vancouver, B. C. **Secretary:** F. W. Farley, 6507 Laburnum Street, Vancouver, B. C. Officers elected for one year; terms expire April, 1942.

History: Organized April, 1917. **Sections:** Botany, Geology, Entomology, Ornithology, Photography, Mammalogy, and Marine Biology.

Object: The cultivation and dissemination of knowledge of every branch of natural science.

Membership: Active and Honorary Life members. Entrance fee \$1, annual dues \$1. Total membership 232. List of members available.

Meetings: Fortnightly during the winter. Excursions of various sections nearly every week during the spring and summer.

Library: Mostly periodical natural history publications.

Publications: Yearbook, free to members with annual membership.

141. **Veterinary Association of Manitoba.** **President:** E. D. Bowes, Boissevain, Man. **Secretary:** W. Hilton, 510 Greenwood Place, Winnipeg, Man. Officers elected for one year; terms expire February, 1942.

History: Incorporated in 1890 under the Veterinary Association Act enacted by the Legislative Assembly of the Province of Manitoba, and amendments of 1896 and 1899.

Object: The protection of the profession in the Province from unqualified persons and quacks.

Membership: 80 Active members, entrance fee on examination \$25; annual dues \$4. 18 Honorary members.

Meetings: Annual, usually held in Winnipeg in February each year.

Publications: Annual Report of Proceedings.

142. **Veterinary Association of Saskatchewan.** **President:** A. Chambers, 277 Angus Crescent, Regina, Sask. **Secretary:** Norman Wright, 137 Twentieth Street West, Saskatoon, Sask. Officers elected for one year; terms expire August, 1942.

History: Incorporated by Act of Legislature 1908-1909.

Object: The study of veterinary science and practice with the object of a more thorough understanding of the diseases of domesticated animals in Saskatchewan, and the controlling and guiding of the professional activities of its members.

Membership: Active veterinarians, entrance fee \$25; annual dues \$10; Inactive veterinarians, \$25, \$3. Total membership 100. List of members available.

Meetings: Annual, at the University of Saskatchewan, Saskatoon, Sask.

Research funds, medals, etc.: Occasional short courses of about 10 days at University of Saskatchewan. Laboratory work and research are done by the Director of the Animal Diseases at the University for the members.

143. **Western Canadian Society of Agronomy.** **President:** S. H. Vigor, Department of Agriculture, Regina, Sask. **Secretary:** W. J. White, Dominion Forage Crops Laboratory, Saskatoon, Sask.

History: Organized December 29, 1919.

Object: To encourage investigation work in crops and soils, and to disseminate the knowl-

edge concerning both, and the conditions affecting them.

Membership: Annual dues \$2. Total membership 150. Members must be persons engaged in teaching or in scientific investigation in some branch of agronomy or interested in the objects of the Society.

Meetings: Annual, at the Universities of Alberta, Manitoba, and Saskatchewan, in rotation.

Publications: Proceedings, 1920-1924. During the past two years abstracts of papers presented at the meetings have been mimeographed and distributed to the membership.

APPENDIX
NOTES ON LISTS OF SOCIETIES AND
ASSOCIATIONS ISSUED BY OTHER
ORGANIZATIONS

APPENDIX

NOTES ON LISTS OF SOCIETIES AND ASSOCIATIONS ISSUED BY OTHER ORGANIZATIONS

In order to make it convenient for users of this compilation to obtain information about societies not contained herein, brief notes are given of lists of societies and associations which are available from other sources.

Aviation: The Aircraft Year Book contains a list of aeronautical associations.

Education: The United States Office of Education publishes annually an Educational Directory, part IV of which lists educational associations and directories. The latest issue is 1941-1942.

Foundations: The Russell Sage Foundation, through its library, publishes a list of American foundations. The latest issue is for 1938.

Horticulture: The Bureau of Plant Industry of the United States Department of Agriculture issues a mimeographed list of horticultural organizations of the United States and Canada. The latest issue is that of December 5, 1939.

International Organizations: The League of Nations' Handbook of International Organizations is the most complete list of international organizations in all subjects. The latest edition is for 1938.

Medicine: State medical associations, and national medical societies are listed in the Journal of the American Medical Association twice a year. The state medical associations list appeared in the Journal for November 15, 1941, and the national societies list in the November 29, 1941, number. A full list of medical societies is given in the American Medical Directory which is issued annually.

Pharmacy: Pharmaceutical associations are listed in the Practical Edition of the Journal of the American Pharmaceutical Association from time to time. The latest list issued is in the April, 1941, number.

Public Health: A list of societies affiliated with the American Public Health Association appears in each number of the American Journal of Public Health.

Social Sciences: Lists covering the social sciences are contained in the Russell Sage Foundation's Social Work Year Book. The Public Administration Clearing House, Chicago, publishes a directory of organizations in the field of public administration. Both of these directories appear annually.

Trade Associations: The U. S. Bureau of Foreign and Domestic Commerce through its Trade Association Section has compiled a list of trade and professional associations of the United States which has been announced for distribution early in 1942.

Wildlife: The Fish and Wildlife Service of the United States Department of the Interior issues a list of officials and organizations concerned with wildlife protection. The latest issue is for 1940.

The World Almanac and similar volumes contain other general lists of societies and associations.

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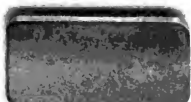
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